

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17849

This table lists the maximum allowable emission rates. The total emissions of air contaminants from any of the sources listed in this table shall not exceed the values stated. 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>
2A-1	Washer A Heater 1	VOC	0.001	0.005
		NO _x	0.022	0.09
		SO ₂	0.001	0.001
		PM	0.001	0.005
		CO	0.004	0.02
2A-2	Washer A Heater 2	VOC	0.001	0.005
		NO _x	0.022	0.09
		SO ₂	0.001	0.001
		PM	0.001	0.005
		CO	0.004	0.02
2A-3	Washer A Heater 3	VOC	0.001	0.005
		NO _x	0.022	0.09
		SO ₂	0.001	0.001
		PM	0.001	0.005
		CO	0.004	0.02
2B-1	Washer B Heater 1	VOC	0.001	0.005
		NO _x	0.022	0.09
		SO ₂	0.001	0.001
		PM	0.001	0.005
		CO	0.004	0.02
2B-1	Washer B Heater 2	VOC	0.001	0.005
		NO _x	0.022	0.09
		SO ₂	0.001	0.001
		PM	0.001	0.005
		CO	0.004	0.02
3A	Dryer A Heater	VOC	0.004	0.01
		NO _x	0.066	0.28
		SO ₂	0.001	0.002
		PM	0.003	0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
		CO	0.013	0.05
3B	Dryer B Heater	VOC	0.004	0.01
		NO _x	0.066	0.28
		SO ₂	0.001	0.002
		PM	0.003	0.01
		CO	0.013	0.05
4-1	Cure Oven 1	VOC	2.53	10.66
		NO _x	0.027	0.11
		SO ₂	0.002	0.001
		PM	0.001	0.004
		CO	0.005	0.02
4-2	Cure Oven 2	VOC	2.53	10.66
		NO _x	0.027	0.11
		SO ₂	0.002	0.001
		PM	0.001	0.004
		CO	0.005	0.02
4-3	Cure Oven 3	VOC	2.53	10.66
		NO _x	0.027	0.11
		SO ₂	0.002	0.001
		PM	0.001	0.004
		CO	0.005	0.02
5-1	Bake Oven 1 Heating	VOC	1.69	7.09
		NO _x	0.1	0.42
		SO ₂	0.001	0.003
		PM	0.005	0.02
		CO	0.02	0.08
5-2	Bake Oven 2 Heating	VOC	1.69	7.09
		NO _x	0.1	0.42
		SO ₂	0.001	0.003
		PM	0.005	0.02
		CO	0.02	0.08

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
5-3	Bake Oven 3 Heating	VOC	1.69	7.09
		NO _x	0.1	0.42
		SO ₂	0.001	0.003
		PM	0.005	0.02
		CO	0.02	0.08
6-1	Bake Oven 1 Cooling	VOC	0.56	2.36
6-2	Bake Oven 2 Cooling	VOC	0.56	2.36
6-3	Bake Oven 3 Cooling	VOC	0.56	2.36
7-1	Inside Spray 1	VOC	5.61	23.57
		PM	0.43	1.81
7-2	Inside Spray 2	VOC	5.61	23.57
		PM	0.43	1.81
7-3	Inside Spray 3	VOC	5.61	23.57
		PM	0.43	1.81
VV1-2	Vent Cure Oven 1	VOC	2.03	8.51
VV2-2	Vent Cure Oven 2	VOC	2.03	8.51
VV3-2	Vent Cure Oven 3	VOC	2.03	8.51
W-4	Vent Inside Spray 1	VOC	3.37	14.14
F-1	Process Fugitive	VOC	8.57	36.0
T-1	IS Tank	VOC	0.006	0.026

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			lb/hr	TPY
T-2	IS Tank	VOC	0.006	0.026
T-5	OV and R Tank	VOC	0.003	0.013
1A, 1B	Washer Exhausts	VOC	0.00	0.00
VVA-1,2	Washer A, Dryer A	VOC	0.00	0.00
VVB-1,2	Washer B, Dryer B	VOC	0.00	0.00
VV1-1	Printer 1	VOC	0.00	0.00
VV3-1	Printer 3	VOC	0.00	0.00
VVS-2	Cure Oven 4	VOC	0.00	0.00
VV1-3	Cure Oven 1	VOC	0.00	0.00
VV2-3	Cure Oven 2	VOC	0.00	0.00
VV3-3	Cure Oven 3	VOC	0.00	0.00
VVS-3	Cure Oven 4	VOC	0.00	0.00
T-3	Tank	VOC	0.00	0.00
T-4	Oils Tank	VOC	0.00	0.00
C-1	Cyclone	PM	0.00	0.00

(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

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

or fugitive source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter

CO - carbon monoxide

* 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 _____