

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25612

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>				
28-4A1a, 28-4A2a, 28-4A3a, 28-4A4a, 28-4A1b, 28-4A2b, 28-4A3b, and 28-4A4b	Line A Resin Dryers	POC	0.13	0.75
28-4B1a, 28-4B2a, 28-4B3a, 28-4B4a, 28-4B1b, 28-4B2b, 28-4B3b, and 28-4B4b	Line B Resin Dryers	POC	0.13	0.75
28-5A	Line A Extrusion Preheater 0.94		POC	0.21
26-5B	Line B Extrusion Preheater 0.94		POC	0.21
28-6	Bag Collector	PM	0.02	1.0
28-9	Grinder	PM	0.01	0.05
28-10	Welding	VOC	0.01	0.05
28-11	Spray Booth	VOC PM	6.64 0.03	29.1 0.13
28-12	Pyrolysis Oven	POC	0.07	0.31

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<u>TPY</u>				
37-01	Screen Printer Station 1	VOC	9.2	2.00
37-02	Screen Printer Station 2	VOC	9.2	2.00
37-04	Make Ready Room	VOC	1.50	1.30
37-05	Corona Treater	Ozone	<0.01	0.02
37-06	Web Pre-Conditioner	POC	0.05	0.21
T0-1	Regenerative Thermal Oxidizer 15.3	VOC (4)	10.6	
		VOC (5)	43.0	188.0
		SO _x	0.02	0.08
		NO _x	4.0	17.5
		CO	1.5	6.5
		PM/PM ₁₀	0.44	1.92
FUG	Clean-up Solvent	VOC	0.08	0.4

(1) Emission point identification - 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) POC - products of combustion including SO_x, NO_x, CO, VOC, and PM

SO_x - sulfur oxides

NO_x - nitrogen oxides

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

Where PM is not listed, it shall be assumed that no PM greater than

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

10 microns is emitted.

(4) VOC from the six-station rotogravure press

(5) VOC from existing sources

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760
Hrs/year

Dated _____