

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17777

This table lists the maximum allowable emission rates for sources of air contaminants covered by this permit. The annual rates are those for any 12-consecutive month period.

AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	
	TPY			
1	Boiler	VOC	0.07	0.20
		PM	0.38	0.43
		SO ₂	8.13	2.00
		NO _x	3.82	10.20
		CO	0.96	2.55
2	5 Solvent Storage Tanks, 35.80		VOC	11.40
	2 Rotogravure Presses and Parts Washer vented through Vapor Recovery Unit			
3	Chrome Plating Tank vented 0.0004	Chromic Acid		0.00008
	through Mist Eliminator	Sulfuric Acid		Trace
	Trace			
5	Web Dryer No. 1	VOC	0.009	0.04
		PM	0.03	0.09
		SO ₂	0.54	0.20
		NO _x	0.25	0.75
		CO	0.06	0.16
6	Web Dryer No. 2	VOC	0.009	0.04
		PM	0.03	0.09
		SO ₂	0.54	0.20
		NO _x	0.25	0.75
		CO	0.06	0.16
TK-1	Solvent Storage Tank	VOC	0.94	0.19

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
	TPY			
FUG-1	Press Nos. 1 and No. 2	VOC (4)	66.00	206.10
		Ammonia (4)	0.53	1.98
FUG-2	Flexographic Presses	VOC (4)	5.00	3.70
FUG-3	Parts Cleaning and Waste 3.09 Solvent Distillation	VOC (4)		1.36
FUG-4	Proof Press	VOC (4)	0.73	1.10
FUG-5	Tank Farm Fittings	VOC (4)	0.23	1.03
FUG-6	Ink Mixing	VOC (4)	0.26	0.11
FUG-7	Finishing Gluing	Vinyl Acetate (4)	1.04	1.31

(1) Emission point identification - 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_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions.

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

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

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

Dated _____