

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 79973

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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

### Air Contaminants Data

Emission Point No. (1)	Source Name (2, 3)	Air Contaminant Name (4)	Emission Rates (7)	
			lbs/hour	TPY (5)
OXI-1, OXI-2, OXI-3	Comexi-1 Press BCD and OHD, Comexi-2 Press BCD and OHD, Comexi-3 Press BCD and OHD, and Comexi-4 Press BCD and OHD exhausted through Thermal Oxidizers 1, 2, and 3	VOC	4.63	17.88
		VOC (6)	0.10	0.40
		SO <sub>2</sub>	0.01	0.04
		NO <sub>x</sub>	2.16	9.06
		CO	1.39	6.11
		PM	0.22	0.90
		PM <sub>10</sub>	0.22	0.90
		PM <sub>2.5</sub>	0.22	0.90
LAM-1, LAM-2, LAM-3	Cleanup emissions captured at Laminators 1, 2, and 3	VOC	1.81	2.72
INK-1, INK-2	Ink Room	VOC	2.25	8.90
LAM-1AB, LAM-2A, LAM-2B, LAM-3A, and LAM-3B	Corona treaters on Laminators 1, 2, and 3	Ozone	1.08	0.57
COM-2A, COM-3A, and COM-4A	Corona treaters on Comexi-2 Press, Comexi-3 Press, and Comexi-4 Press	Ozone	0.54	0.06
TNK-1	Storage Tank - 8,000 gallon horizontal tank	VOC	1.70	0.21
All Emission Points at the Site	All Sources on Site	Individual HAP	---	<10.00
		Combined HAP	---	<25.00

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) Printing press emissions are captured by each press's respective between color dryer (BCD) and over-head dryer (OHD) and then are routed to a thermal oxidizer. Comexi-1 and Comexi-2 presses route to thermal oxidizer 1, Comexi-3 to thermal oxidizer 2, and Comexi-4 to thermal oxidizer 3.
- (4) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Product of combustion emissions.
- (7) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: October 7, 2016