

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Number 71623

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.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
				lb/hr
	TPY**			
All EPNs	All Sources at the Site	VOC		999.00
All Sources Covered by this Permit		NO <sub>x</sub>		65.30
		CO		111.00
		PM	30.00	
38-1, 38-2, 38-3, 38-4, 38-5, 38-6, 38-7, 38-8, 38-9	PSML Oven No. 1, Curing	VOC	32.50	142.00
	PSML Oven No. 2,	NO <sub>x</sub>	0.30	1.31
	Coating Station, Enclosure,	CO	0.24	1.10
	Web Cleaner, Max Mixing	PM	0.024	0.10
	Cart	SO <sub>2</sub>	0.002	0.01
20-3	Printer/Coater Print Station, Coating Station, UV Cure Oven	VOC	1.50	6.60
		Ozone	0.01	0.04
		Ammonia	0.06	0.26
20-4	Printer/Coater Surface Treater Nos. 1, 2, and 3	Ozone	0.03	0.13
20-5	Flexographic Laminator	VOC	1.50	6.60
		Ammonia	0.06	0.26
28-1A	Lamination/Extrusion Line A	VOC	0.30	1.31
28-3A	Lamination/Extrusion Line A	VOC	0.30	1.31
28-4A1a, 28-4A2a, 28-4A3a, 28-4A4a, 28-5a	Resin Dryer Nos. 1A, 3A, 5A, 7A, and Extrusion Preheater	NO <sub>x</sub>	0.15	0.65
		CO	0.03	0.14
		PM	0.004	0.02
		SO <sub>2</sub>	0.001	0.006
28-12	Lamination/Extrusion Line A Pyrolysis Oven	VOC	0.07	0.31

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			lb/hr	TPY**
37-01	Screen Printer Station No. 1	VOC	9.20	40.00
37-02	Screen Printer Station No. 2	VOC	9.20	40.00
37-04	Press and Dryer Make Ready Room	VOC	1.50	6.60
37-05	Press and Dryer Corona Treater	Ozone	0.01	0.04
37-06	Press and DryerWeb Preconditioner Web Preconditioner	NO <sub>x</sub>	0.04	0.16
		CO	0.01	0.03
		PM	0.001	0.001
		SO <sub>2</sub>	0.001	

**Press and Dryer, Maker Nos. 31, 32, 33, 34, 35, 36, and Egan Press Routed to the Regenerative Thermal Oxidizer**

TO-1	Smith Regenerative Thermal Oxidizer Includes Natural Gas Fired Dryer Products of Combustion	VOC (4)	440.00	
		NO <sub>x</sub>	16.50	72.10
		CO	11.20	48.70
		PM	1.15	5.13
		SO <sub>2</sub>	0.08	0.16
	10 New Coating Lines and Natural Gas Fired Dryers	VOC (4)	700.00	
		NO <sub>x</sub> (5)	14.00	
		CO (5)	12.00	
		PM (5)	1.10	
		SO <sub>2</sub> (5)	0.01	0.01
14-2, 3-34, 3-57, 3-58, 3-1, 3-2, 3-10, 14-2, 14-3, 3-LMS	Mix and Mill Kettles, Roll Mills, Mixers, Pony Mixers, Sand Mills, and Wash Vats	VOC	21.00	45.00
		PM	10.00	5.00
14-2, 3-34, 3-57, 3-58, 3-1, 3-2, 3-10, 14-2, 14-3, 3-LMS, 3-RMWVS, 3-SMV	10 New Vessels in Mix and Mill	VOC (4)	100.00	
		PM	25.00	12.50
ST-5	MEK Storage Tank	VOC	48.00	0.75

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			lb/hr	TPY**
	Chromium Plating and Anodizing	Cr	0.001	0.001

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter.  
 SO<sub>2</sub> - sulfur dioxide  
 Cr - total chromium
- (4) Annual sitewide VOC emissions shall not exceed 999.00 tpy. Total annual emissions from emission sources that do not have a specific annual emission limit shall not cause the sitewide VOC emissions limit to be exceeded.
- (5) Annual emissions from sources covered by this permit shall not cause the permit cap of 65.30 tpy of NO<sub>x</sub>, 111.00 tpy of CO, and 30.00 tpy of PM to be exceeded. Total annual emissions from emission sources that do not have a specific annual emission limit shall not cause the total permit emission limits to be exceeded.

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 23, 2006