

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 71623 and PAL 4

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)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
38-1, 38-2, 38-3, 38-4, 38-5, 38-6, 38-7, 38-8, and 38-9	PSML Oven No. 1 Curing PSML Oven No. 2, Coating Station Enclosure, Web Cleaner, Max Mixing Cart	VOC	32.50	142.00
		NO _x	0.33	1.45
		CO	0.24	1.10
		PM	0.024	0.10
		SO ₂	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 Dryers Nos. 1A, 3A, 5A, 7A and Extrusion Preheater	NO _x	0.15	0.65
		CO	0.03	0.14
		PM	0.004	0.02
		SO ₂	0.001	0.006
28-12	Lamination/Extrusion Line A Pyrolysis Oven	VOC	0.07	0.31
37-01	Screen Printer Station No. 1	VOC	9.20	40.00

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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 Dryer Web Preconditioner and Web Conditioner	NO _x	0.04	0.16
		CO	0.01	0.03
		PM	0.001	0.001
		SO ₂	0.001	0.001
TO-1	Regenerative Thermal Oxidizer Including Products of Combustion from Natural Gas Fired Dryers (5)	VOC (6)	440.00	---
		NO _x	16.50	63.18
		CO	19.94	87.34
		PM	1.17	5.13
		SO ₂	0.08	0.16
3-RMWVS, 3-SMV, 1-CIPCOND, 1-CIPCLEAN, SM22W, SM22E, 14-3, 3-1, 3-3411, 3-3412, 3-19V, 3-21V, 3-KETTDR1, 3-KETTDR2, DC01, DC02, DC03, DC04	Mix and Mill Kettles, Roll Mills, Mixers, Pony Mixers, Sand Mills, and Wash Vats	VOC	21.00	45.00
		PM	10.00	5.00
ST-5	MEK Storage Tank	VOC	48.00	0.75
Chrome - 01	Chromium Plating and Anodizing	Cr	0.001	0.001
All EPNs	All Sources at the Site	VOC	---	999.00

(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 or fugitive source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC

- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x

- total oxides of nitrogen

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SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
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
Cr	Total chromium

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Sources routed to EPN TO-1 include the presses and dryers for Maker Nos. 31, 32, 33, 34, 35, 36 and Egan and LPP presses.
- (6) Annual site-wide 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 site-wide VOC emissions limit to be exceeded.

Date: May 17, 2013