

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION SOURCES

Permit No. 47028

This table lists the maximum allowable emission rates for all sources covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
TO 01	Flame Bonder Exhausts to Thermal Oxidizer	HCl	2.05	3.06
		HCN	0.09	0.01
		MDI	<0.01	<0.01
		TDI	<0.01	<0.01
		NO _x	0.80	1.66
		CO	0.67	1.39
		TOC	0.09	1.39
		PM ₁₀	1.35	2.04
		SO ₂	<0.01	<0.01
LC 01	Laser Cutter (Nylon Sheet Cutting)	PM ₁₀	0.03	0.03
		VOC	0.001	0.002
RV 01-RV 08 and WV 01-WV04	Fugitive Emissions (Flame Bonder Burners Laser Cutter, Flame Bonder Roller Solvent Cleaning)	HCl	0.11	0.32
		HCN	0.03	0.09
		MDI 0.00	0.001	
		TDI	<0.01	<0.01
		NO _x	0.01	0.01
		CO	<0.01	<0.01
		TOC	<0.01	<0.01
		PM ₁₀	0.38	1.11
		SO ₂	<0.01	<0.01
		VOC	1.88	0.49

(1) Emission point identification as specified in Table 1(a).

(2) Specific point source name.

- (3)
- HCl - hydrogen chloride
 - HCN - hydrogen cyanide
 - MDI - methylene diphenyl diisocyanate, a hazardous air pollutant (HAP) as defined under 30 Texas Administrative Code (TAC) Section 116.15.
 - TDI - toluene diisocyanate, a HAP as defined under 30 TAC §116.15.
 - NO_x - nitrogen oxides
 - CO - carbon monoxide

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TOC - total organic carbon

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 particulate matter greater than 10 microns is emitted

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in 30 TAC §101.1.

(4) Rate is for a rolling 12 consecutive months.

Dated_____