

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 46577

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)
FUG 1	Production Fugitive Emissions	VOC	35.20	----
EPN 1	Production Emissions routed through RTO (Press Nos. 3, 4, and 5, Laminator Nos. 3, 4, and 5)	VOC	8.90	----
		VOC (6)	0.02	0.08
		NO <sub>x</sub> (6)	0.44	1.93
		CO (6)	0.37	1.62
		PM (6)	0.03	0.15
		PM <sub>10</sub> (6)	0.03	0.15
		PM <sub>2.5</sub> (6)	0.03	0.15
		SO <sub>2</sub> (6)	<0.01	<0.01
FUG 1 and EPN1	Production Emissions	VOC	----	95.58 (5)
EPN 2	Press No. 4 Treater	Ozone	0.55	1.92
EPN 3	Press No. 5 Treater	Ozone	0.55	1.92
EPN 4	Laminator No. 4 Treater	Ozone	0.55	1.92
EPN 5	Laminator No. 5 Treater	Ozone	0.55	1.92
EPN 6	Ink Room	VOC	0.22	0.97
EPN 7	Solvent Recovery	VOC	0.30	0.02
EPN 8	Tank 1	VOC	13.12	0.30
EPN 9	Tank 2	VOC	2.35	0.03
EPN 11	Laser Etching Line	HCl	0.16	0.72
EPN 12	Press No. 3 Treater	Ozone	0.55	1.92
EPN 13	Laminator No. 3 Treater	Ozone	0.55	1.92
All Emission Points at the Site	All Sources at the Site	Individual HAP	--	<10.00
		Combined HAPs	--	<25.00

Emission Sources - Maximum Allowable Emission Rates

- (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<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Total combined annual emissions for FUG 1 and EPN 1.
- (6) Emissions as a result of products of combustion.

Date: April 5, 2022