

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. 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)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
EPN 1	RTO	VOC	6.00	18.87
		VOC (5)	0.02	0.08
		NOx (5)	0.44	1.39
		CO (5)	0.37	1.17
		PM/PM ₁₀ /PM _{2.5} (5)	0.03	0.11
		SO ₂ (5)	<0.01	<0.01
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 7	Solvent Recovery	VOC	0.34	1.49
EPN 8	Tank 1	VOC	13.12	0.23
EPN 9	Tank 2	VOC	2.35	0.03
EPN 11	Laser Etching Line	HCl	0.16	0.72
FUG 1	Manufacturing Fugitive Emissions	VOC	19.20	60.48
SITEWIDE		Individual HAP		<10.00
		Total HAP		<25.00

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR) Part 63, Subpart C
- (4) Rate is for a rolling consecutive 12-month period.
- (5) Emissions as a result of products of combustion.

Dated December 1, 2011