

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 81030

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)
ST-9101	Tank T-1 Vent	VOC	8.18	0.23
ST-9102	Tank T-2 Vent	VOC	0.75	<0.01
ST-9103	Tank T-3 Vent	VOC	0.04	<0.01
ST-9104	Tank T-4 Vent	VOC	2.60	0.02
FUG1	Piping Component Fugitive	VOC	0.22	0.98
ST-9131	Day Tanks System Vent (5)	VOC	1.77	0.24
VP-1101	Adhesive Bldg Vacuum Pump Vent	VOC	0.88	0.77
ST-9132	Adhesive Bldg Reactor/Condensor Vent	VOC	5.46	2.40
EFAA	Adhesive Bldg Roof Vents	VOC	1.65	0.77
		PM/PM ₁₀ /PM _{2.5}	<0.01	<0.01
DC-0902	Solvent Ink Bldg Dust Collector Vent	VOC	3.04	1.69
		PM/PM ₁₀ /PM _{2.5}	0.01	<0.01
EX-0905	Solvent Ink Bldg Exhaust Vent	VOC	4.97	4.78
EFGI-1	Solvent Ink Bldg Roof Vents	VOC	0.67	0.90
		PM/PM ₁₀ /PM _{2.5}	0.06	0.01
DC-0903	Water Ink Bldg Dust Collector Vent	VOC	0.09	0.06
		PM/PM ₁₀ /PM _{2.5}	0.01	<0.01
EX-0906	Water Ink Bldg Exhaust Vent	VOC	0.08	0.06
EFGI-2	Water Ink Bldg Roof Vents	VOC	0.02	0.02
		PM/PM ₁₀ /PM _{2.5}	0.04	<0.01
EFRD	R&D Lab Vent	VOC	0.67	0.04

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B-1	Boiler	VOC	0.01	0.05
		PM/PM ₁₀ /PM _{2.5}	0.02	0.07
		NO _x	0.22	0.94
		CO	0.18	0.79
		SO ₂	<0.01	0.01
EGEN	Emergency Generator	VOC	1.32	0.33
		PM/PM ₁₀ /PM _{2.5}	1.17	0.29
		NO _x	16.52	4.13
		CO	3.56	0.89
		SO ₂	1.09	0.27
SITEWIDE		Total HAP	4.11	0.83
		Individual HAP	4.02	0.77

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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) Compliance with annual emission limits (tons per year) is based on a rolling consecutive 12-month period.

(5) Total hourly and annual emissions include all day tanks (ST-1101 thru ST-1105, ST-1107, ST-1108, ST-1202, ST-1204 and ST-1205) located within the Adhesive Manufacturing Bldg.

Date: _____