

Emission Sources - Maximum Allowable Emission Rates

Permit Number 25031

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 (5) *	
			lbs/hour	TPY (4)
E4	TANK1 – STACK E4	Styrene	65.00	(6)
		Other VOC	8.35	(6)
		Exempt Solvent	9.07	(6)
		PM	15.99	(6)
E6	TANK2 – STACK E6	Styrene	45.00	(6)
		Other VOC	4.70	(6)
		Exempt Solvent	5.77	(6)
		PM	7.38	(6)
E7	TANK3 – STACK E7	Styrene	14.82	(6)
		Other VOC	0.94	(6)
		Exempt Solvent	4.12	(6)
		PM	2.63	(6)
A1	ASSEMBLY1 – STACK A2	Styrene	18.00	(6)
		Other VOC	0.50	(6)
		Exempt Solvent	15.00	(6)
		PM	2.63	(6)
A2	ASSEMBLY2 – STACK A2	Styrene	16.21	(6)
		Other VOC	0.10	(6)
		Exempt Solvent	1.65	(6)
		PM	2.63	(6)
FUGST	Acetone Still	Exempt Solvent	8.24	(6)
T1	Storage Tank 1	Styrene	0.39	(6)
T2	Storage Tank 2	Styrene	0.39	(6)

(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.

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- (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
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Plant-wide annual emissions of styrene, other VOC (excluding styrene), and exempt solvent shall not exceed 79.9 tons per year (TPY) with no more than 60.1 TPY shall come from styrene. Plant-wide annual PM emissions shall not exceed 11.43 TPY.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

13 Hrs/day 7 Days/week 52 Weeks/year or _____ Hrs/year

Date: June 26, 2019