

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 6856

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)
T-301	Storage Tank 301	VOC	0.15	0.01
T-302	Storage Tank 302	VOC	0.15	0.01
H-1	Process Heater (6)	VOC	0.05	0.01
		NO <sub>x</sub>	3.74	0.53
		CO	0.93	0.13
		SO <sub>2</sub>	10.62	1.49
		PM <sub>10</sub>	0.37	0.05
		PM <sub>2.5</sub>	0.37	0.05
E-1	Waste Water Flasher Vat (7)	Ethylene	5.71	0.28
		Propylene	1.90	0.12
4	Fugitives (5)	Ethylene	1.25	5.48
		Propylene	0.14	0.61
		VOC (other)	0.19	0.85

- (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) 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<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission rates for Heater H-1 are based on a maximum operating schedule of 1,260 hours/year.
- (7) Emission rates for Wastewater Flasher Vat E-1 are based on a maximum operating schedule of 720 hours/year for each contaminant.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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