

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19348

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)	Emission Rates *	
			lb/hr	TPY**
F1	EtO Sterilizer Flare Stack	EtO	1.62	2.80
		PM ₁₀	0.03	0.13
		VOC	0.03	0.13
		NO _x	0.61	2.66
		CO	0.36	1.58
		SO ₂	<0.01	0.04
2	Aeration Rooms Scrubber 1	EtO	0.03	0.20
3	Aeration Rooms Scrubber 2	EtO	<0.01	0.02
4	Tower No. 2	EtO	0.29	0.72
5	Tower No. 1	EtO	0.53	0.19

- (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) EtO - ethylene oxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide

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- * 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 Hours/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

See Special Condition No. 8 for maximum throughput.

Dated April 8, 2008