

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Special Permit Number 17262

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		Emission Rates *	
		Name (3)		lb/hr	TPY **
PAS-1	Steam Boiler No. 1	PM		0.21	0.92
		NO _x	2.80	12.26	
		CO	2.35	10.29	
		SO ₂	0.02	0.09	
		VOC	0.15	0.66	
PAS-2	Steam Boiler No. 2	PM		0.14	0.61
		NO _x	1.88	8.23	
		CO	1.58	6.29	
		SO ₂	0.01	0.04	
		VOC	0.10	0.44	
PAS-3	Flare	NO _x		0.01	0.01
		CO		0.02	0.07
		SO ₂	0.01	0.01	
		VOC		0.05	0.21
PAS-4	Steam Boiler No. 3	PM		0.35	1.53
		NO _x	1.48	6.48	
		CO	3.88	16.99	
		SO ₂	0.03	0.13	
		VOC	0.25	1.10	
FUG	Fugitive Emissions (4)	VOC		1.86	8.15
		Acetone		0.12	0.52
		IOC-U 0.04		0.19	
T-001	STORAGE TANK (5)	methanol		0.01	0.04

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- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀
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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
IOC-U - inorganic compound (unspeciated)
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Allowable emissions until the vent of the storage tank is routed to the plant flare.

* The emission rates are based on an operating schedule of 8,760 hr/yr.

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

Dated July 26, 2006