

Emission Sources - Maximum Allowable Emission Rates

Permit Number 48988

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)
E03A039	IPDA North Tank	VOC	0.20	0.11
E03A040	IPDA South Tank	VOC	0.20	0.05
E09A032	No. 3 Olefins Flare (5) Normal Operation only (TCO Site Flare)	CO	0.01	0.01
		NO _x	0.01	0.01
		SO ₂	0.01	0.01
		VOC	0.27	0.01
E17A002	Diethanolamine Tank (6)	VOC	0.96	0.01
E17A020	Sour Water Loading	VOC	1.45	0.02
E17B002	Monoethanolamine Tank	VOC	0.20	0.01
E17C002	Methanol Tank (6)	VOC	1.98	0.05
E17C026	Aeration Injection Tank	VOC	0.10	0.01
W03A005	Wastewater	VOC (6)	43.18	189.15
W03A005	Equalization Tank V-100 Maintenance 336 hours only	VOC	0.26	0.04
W03A005A	Truck Unloading Tank D-120 Maintenance 336 hours only	VOC	0.01	0.01
F02B0001	Wastewater Flare Vent Line (4) Process Fugitives	VOC	0.08	0.33
F02B001-06	Pipe Rack Process Fugitives (4)	CO	0.02	0.08
		VOC	2.75	9.65
F17A001	FARM Process Fugitives (4)	CO	0.09	0.40
		VOC	20.76	90.92

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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) 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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - 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.

Date: December 9, 2013