

Emission Sources - Maximum Allowable Emission Rates

Permit Number 40972

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)
T1-W	IFR Tank 1 (5) (10)	VOC	1.65	-
		Benzene	0.01	-
T2-W	IFR Tank 2 (5) (10)	VOC	1.56	-
		Benzene	0.01	-
T3-W	IFR Tank 3 (5) (10)	VOC	1.59	-
		Benzene	0.01	-
T4-W	IFR Tank 4 (5) (10)	VOC	2.45	-
		Benzene	0.02	-
T5-W	IFR Tank 5 (5) (10)	VOC	1.86	-
		Benzene	0.01	-
T6-W	IFR Tank 6 (5) (10)	VOC	1.75	-
		Benzene	0.01	-
T1-W – T6-W Cap	Annual Product Storage Tank Cap (10)	VOC	-	12.51
		Benzene	-	0.05
T-7	Slop Tank	VOC	6.10	0.86
T-10	Additive Tank 10 (7)	VOC	17.56	-
T-12	Additive Tank 12 (7)	VOC	17.56	-
T-13	Additive Tank 13 (7)	VOC	17.56	-
T-15	Additive Tank 15 (7)	VOC	2.34	-
T-16	Additive Tank 16 (7)	VOC	3.51	-
T-18	Additive Tank 18 (7)	VOC	7.11	-
T10 – T18 Cap	Annual Additive Tank Cap (7)	VOC	-	0.37
VRU	Vapor Recovery Unit (5) (8)	VOC	26.23	29.42
		Benzene	0.08	0.09

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VCU	Vapor Combustor (5) (8) (9)	VOC	26.23	29.42
		Benzene	0.08	0.09
		NOx	8.82	7.53
		CO	17.61	15.04
F-LR	Loading Rack Fugitives (5)	VOC	25.90	34.62
		Benzene	0.09	0.11
FUGITIVES	Terminal Fugitives (6) (5)	VOC	0.16	0.68
		Benzene	<0.01	0.01

- (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
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Benzene emissions are not included in the total VOC emission rate.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (7) Cumulative annual emissions from any one or a combination of these tanks shall not exceed 0.27 ton per year (tpy) of VOC.
- (8) The Vapor Recovery Unit and the Vapor Combustion Unit may run simultaneously, but the cumulative annual emissions from either unit operation shall not exceed 29.42 tpy of VOC and 0.09 tpy of benzene.
- (9) These emissions are authorized by Standard Permit Number 79500 and are being consolidated into this permit via reference only.
- (10) No more than three tanks plus T5-W may operate in gasoline storage at a given time and the cumulative annual emissions shall not exceed 12.51 tpy of VOC and 0.05 tpy of benzene.

Date: December 1, 2017