

Emission Sources - Maximum Allowable Emission Rates

Permit Number 1285

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)
ST-LL1	Vapor Combustor Unit	PM (5)	0.79	0.49
		PM ₁₀ (5)	0.79	0.49
		PM _{2.5} (5)	0.79	0.49
		NO _x (5)	14.63	9.10
		CO (5)	29.21	18.17
		SO ₂ (5)	<0.01	<0.01
ST-LL1/VRU	Vapor Combustor Unit/Vapor Recovery Unit	VOC	64.96	38.21
		Benzene	0.19	0.12
F-LL1/F-LL2	Loading Rack Nos. 1 and 2	VOC	41.95	26.11
		Benzene	0.24	0.09
FELS	Piping and Piping Component Fugitives (7)	VOC	0.16	0.70
		Benzene	<0.01	0.01
UGTOWS	Underground Oil/Water Separator	VOC	30.53	0.35
		Benzene	0.02	<0.01
T-29514	Storage Tank No. 29514	VOC	1.47	3.34
		Benzene	0.01	0.02
T-29515	Storage Tank No. 29515	VOC	1.47	3.34
		Benzene	0.01	0.02
T-29538	Storage Tank No. 29538	VOC	0.66	1.40
		Benzene	0.01	0.01
T-30745	Storage Tank No. 30745	VOC	1.53	3.19
		Benzene	0.01	0.02

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T-30746	Storage Tank No. 30746	VOC	1.81	4.80
		Benzene	0.01	0.02
T-30967	Storage Tank No. 30967	VOC	1.95	5.24
		Benzene	0.01	0.02
T-31476	Storage Tank No. 31476	VOC	2.06	5.58
		Benzene	0.01	0.02
T-31485	Storage Tank No. 31485	VOC	1.21	2.87
		Benzene	0.01	0.02
T-1	Storage Tank No. T-1	VOC	0.03	0.01
		Benzene	<0.01	<0.01
T-514	Storage Tank No. T-514	VOC	0.63	<0.01
T-5457	Storage Tank No. 5457	VOC	1.73	0.09
		Benzene	<0.01	<0.01
T-2213	Storage Tank No. 2213	VOC	1.40	0.02
T-1083	Storage Tank No. 1083	VOC	4.14	0.07
T-1091	Storage Tank No. 1091	VOC	0.19	0.02
T-1096	Storage Tank No. 1096	VOC	0.01	<0.01
T-7487	Storage Tank No. 7487	VOC	0.45	0.01
T-29537	Storage Tank No. 29537	VOC	15.22	2.83
		Benzene	0.74	0.13
Various (6)	Storage Tank Emissions Cap – All Storage Tanks	VOC	----	21.95
		Benzene	----	0.21

- (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_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - 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) Products of combustion emissions – vapor combustor unit.
 - (6) Includes the following EPNS: T-29514, T-29515, T-29537, T-29538, T-30745, T-30746, T-30967, T-31746, T-31785, T-1, T-514, T-5457, T-2213, T-1083, T-1091, T-1096, T-7487, and UGTOWS.
- Project Number: 257522

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- (7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: November 29, 2018