

Emission Sources - Maximum Allowable Emission Rates

Permit Number 36765

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)
1	Loading Losses	VOC	33.28	27.84
		Benzene	0.30	0.25
2	Tank No. 1	VOC	1.23	1.16
		Benzene	0.01	0.01
3	Tank No. 2	VOC	2.10	1.97
		Benzene	0.02	0.02
4	Tank No. 3	VOC	1.18	1.04
		Benzene	0.01	0.01
5	Tank No. 4	VOC	2.05	1.83
		Benzene	0.02	0.02
6	Tank No. 5	VOC	2.02	1.80
		Benzene	0.02	0.02
7	Tank No. 6	VOC	1.90	1.62
		Benzene	0.02	0.01
8	Tank No. 7	VOC	1.14	0.92
		Benzene	0.01	0.01
9	Tank No. 8	VOC	1.12	0.91
		Benzene	0.01	0.01
10	Tank No. 9	VOC	1.17	0.95
		Benzene	0.01	0.01
11	Tank No. 10	VOC	1.18	0.85
		Benzene	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

12	Tank No. 11	VOC	1.18	0.85
		Benzene	0.01	0.01
13	Tank No. 12	VOC	1.29	0.94
		Benzene	0.01	0.01
14	Tank No. 13	VOC	1.32	0.96
		Benzene	0.01	0.01
15	Tank No. 14	VOC	1.21	0.79
		Benzene	0.01	0.01
16	Tank No. 15	VOC	1.18	0.76
		Benzene	0.01	0.01
17	Tank No. 16	VOC	1.50	0.69
		Benzene	0.01	0.01
18	Tank No. 17	VOC	1.50	0.69
		Benzene	0.01	0.01
19	Tank No.18	VOC	1.77	0.12
		Benzene	0.02	<0.01
20	Tank No. 19	VOC	22.69	0.02
		Benzene	0.01	<0.01
25	Tank No. 20	VOC	1.14	1.08
		Benzene	0.01	0.01
26	Tank No. 21	VOC	1.14	1.08
		Benzene	0.01	0.01
27	Tank No. 22	VOC	1.14	1.08
		Benzene	0.01	0.01
29	Tank No. 23	VOC	1.14	1.08
		Benzene	0.01	0.01
31	Tank No. 24	VOC	5.04	4.72
		Benzene	0.05	0.04
30	Tank No. 30	VOC	1.75	0.01

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		Benzene	<0.01	<0.01
22	1200 Additive Tank	VOC	0.36	0.01
	1210 Additive Tank	VOC	0.04	0.01
	1220 Additive Tank	VOC	0.10	0.01
	1230 Additive Tank	VOC	0.10	0.01
	1240 Additive Tank	VOC	9.19	0.29
	1260 Additive Tank	VOC	0.73	0.01
	1270 Additive Tank	VOC	0.53	<0.01
21	Oil/Water Separator	VOC	1.20	0.10
		Benzene	0.01	<0.01
23	Water Tank	VOC	0.02	0.10
		Benzene	<0.01	<0.01
CE/SV01	Vapor Combustor Unit (VCU)	VOC	14.67	30.00
		Benzene	0.10	0.15
		CO	4.90	6.21
		NO _x	8.09	7.75
		SO ₂	0.02	0.11
		PM	0.01	0.06
		PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
24	Facility Fugitives (5)	VOC	0.77	3.37
		Benzene	0.01	0.03
TLFE	Tank Landing and Floating Emissions (TK001-024)	VOC	571.60	18.88
		Benzene	5.14	0.17
Purging	Unloading Pipe Purging	VOC	3.41	1.51
TOTES	H ₂ S Scavenger / Corr Inhibitor Totes	VOC	0.22	<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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen

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SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
Benzene	- speciated pollutant from VOC

(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: October 18, 2018