

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 37200

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 Combustion Unit (VCU) (8)	NO _x	9.65	9.82
		CO	24.10	24.54
		VOC	48.13	29.61
		Benzene	0.17	0.10
		SO ₂	<0.01	<0.01
		PM	0.67	0.36
		PM ₁₀	0.67	0.36
		PM _{2.5}	0.67	0.36
F-LL1 VRU	Vapor Recovery Unit (VRU) (8)	VOC	48.13	29.61
		Benzene	0.17	0.10
F-LL1 CAP	Loading Control- Device Cap (i.e. ST-LL1 & F-LL1 VRU)	NO _x	9.61	9.79
		CO	24.03	24.47
		VOC	48.13	29.61
		Benzene	0.17	0.10
		PM	0.67	0.36
		PM ₁₀	0.67	0.36
		PM _{2.5}	0.67	0.36
F-LL1	Loading Rack No. 1	VOC	59.32	32.05
		Benzene	0.34	0.11
T0218	Additive Tank No. 0218 (6)	VOC	4.65	0.01
T2213	Additive Tank No. 2213 (6)	VOC	4.60	0.02
T2220	Additive Tank No. 2220 (6)	VOC	4.02	0.01
T2231	Additive Tank No. 2231 (6)	VOC	19.07	0.04
T2500	Additive Tank No. 2500 (6)	VOC	2.00	0.01
T4000	Additive Tank No. 4000 (6)	VOC	6.05	0.02
T4974	Additive Tank No. 4974 (6)	VOC	12.43	0.01
T7049	Additive Tank No. 7049 (6)	VOC	2.52	0.01
T23155	Storage Tank No. 23155 (6)	VOC	0.85	1.78
		Benzene	0.01	0.01

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T23156	Storage Tank No. 23156 (6)	VOC	0.87	1.79
		Benzene	0.01	0.01
T23157	Storage Tank No. 23157 (6)	VOC	0.91	1.81
		Benzene	0.01	0.01
T23158	Storage Tank No. 23158 (6)	VOC	20.61	1.46
		Benzene	0.03	0.01
T23159	Storage Tank No. 23159 (6)	VOC	1.24	2.10
		Benzene	0.01	0.01
T25948	Storage Tank No. 25948 (6)	VOC	1.85	2.66
		Benzene	0.02	0.02
T27403	Storage Tank No. 27403 (6)	VOC	1.10	1.96
		Benzene	0.01	0.01
T27404	Storage Tank No. 27404 (6)	VOC	1.10	1.96
		Benzene	0.01	0.01
T27405	Storage Tank No. 27405 (6)	VOC	1.10	1.96
		Benzene	0.01	0.01
T31487	Storage Tank No. 31487 (6)	VOC	20.61	1.56
		Benzene	0.03	0.01
	Emission Cap (7)	VOC	---	12.46
		Benzene	---	0.06
O/W SEP	Oil/Water Separator	VOC	3.00	0.01
		Benzene	0.01	0.01
WWT	Wastewater Tank	VOC	0.39	0.01
		Benzene	0.05	0.01
FELS	Fugitive Emissions (5)	VOC	0.12	0.51
		Benzene	0.01	0.01

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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) 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}, as represented
PM₁₀ - 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
- (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.
- (6) Annual emissions are limited by the individual emission rates and the emission cap.
- (7) The sum of the Annual Emissions from EPNs T0218 (Additive Tank No. 0218), T2213 (Additive Tank No. 2213), T2220 (Additive Tank No. 2220), T2231 (Additive Tank No. 2231), T2500 (Additive Tank No. 2500), T4000 (Additive Tank No. 4000), T4974 (Additive Tank No. 4974), T7049 (Additive Tank No. 7049), T23155 (Storage Tank No. 23155), T23156 (Storage Tank No. 23156), T23157 (Storage Tank No. 23157), T23158 (Storage Tank No. 23158), T23159 (Storage Tank No. 23159), T25948 (Storage Tank No. 25948), T27403 (Storage Tank No. 27403), T27404 (Storage Tank No. 27404), T27405 (Storage Tank No. 27405), and T31487 (Storage Tank No. 31487) cannot exceed the cap.
- (8) The VRU and VCU are the emission points for collected vapors from the Truck Loading Rack which are routed through a Vapor Knockout Tank.

Date: January 8, 2020