

Emission Sources - Maximum Allowable Emission Rates

Permit Number 83149

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)
100	Tank 100	VOC	0.64	-
101	Tank 101	VOC	0.64	-
102	Tank 102	VOC	2.45	-
104	Tank 104	VOC	1.92	-
106	Tank 106	VOC	1.92	-
103	Tank 103	VOC	3.85	-
105	Tank 105	VOC	3.85	-
107	Tank 107	VOC	2.45	-
108	Tank108	VOC	2.45	-
109	Tank 109	VOC	3.27	-
610	Tank 610-IFR	VOC	1.63	-
611	Tank 611-IFR	VOC	1.63	-
620	Tank 620-IFR	VOC	2.22	-
630	Tank 630-VFX	VOC	12.5	-
631	Tank 631-IFR	VOC	1.86	-
650	Tank 650-IFR	VOC	13.63	-
651	Tank 651-IFR	VOC	3.53	-
660	Tank 660-IFR	VOC	2.22	-
EOP	EOP Tank-HFX	VOC	14.30	-
VCU or VRU	Vapor Combustion Unit or Vapor Recovery Unit	VOC	12.10	-
LOADFUG	Uncontrolled Loading Losses (6)	VOC	22.73	-
FUG	Equipment Fugitives (5)	VOC	0.21	-
VOCCAP	VOC Emissions Cap	VOC	-	49.81

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VCU	Vapor Combustion Unit	NO _x	4.84	6.41
		CO	12.10	16.03
		SO ₂	0.28	0.13
		PM	0.28	0.32
		PM ₁₀	0.28	0.32
		PM _{2.5}	0.28	0.32

- (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
- 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
- SO₂ - sulfur dioxide
- (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) Uncollected loading losses from loading without the vacuum collection system operating. This should be infrequent, as representations are to maximize utilization of the vacuum system for product recovery. Uncollected loading losses from loading without the vacuum collection system operating will be tracked and counted toward the VOC cap.

Date: June 24, 2019