

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56119

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)
T-1	Storage Tanks	VOC	0.85	—
T-2	Storage Tanks	VOC	1.03	—
T-3	Storage Tanks	VOC	1.03	—
T-4	Storage Tanks	VOC	0.85	—
T-5	Storage Tanks	VOC	1.81	—
T-7	Storage Tanks	VOC	1.64	—
T-8	Storage Tanks	VOC	1.64	—
TKS	Annual Cap for Storage Tanks T-1 to T-5, T-7 to T-8	VOC	—	19.79
T-11	Additive Tank T-11	VOC	0.18	—
T-13	Additive Tank T-13	VOC	0.59	—
T-14	Additive Tank T-14	VOC	0.67	—
T-15	Additive Tank T-15	VOC	0.24	—
T-16	Additive Tank T-16	VOC	2.19	—
T-17	Additive Tank T-17	VOC	2.19	—
ADD	Annual Cap for Additive Tanks T-11 to T-17	VOC	—	0.02
LR-F	Loading Rack	VOC	43.06	27.93
MSS-UNCONT	Uncontrolled Tank Roof Landings	VOC	274.09	3.61
MSS-CONT	Controlled Tank Cleanings and Degassing	VOC	0.52	0.11
		NO _x	0.15	0.08
		CO	0.29	0.11
		SO ₂	<0.01	<0.01
		PM	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		PM ₁₀	<0.01	<0.01

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VRU-1	Vapor Combustion Unit or Vapor Recovery Unit (6)	VOC	18.03	19.09
VCU-1				
VCU-1	Vapor Combustion Unit	NO _x	9.52	6.17
		CO	18.99	12.26
		SO ₂	0.52	0.34
		PM	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
FUG	Piping Fugitives (5)	VOC	0.05	0.23

- (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) The Vapor Recovery Unit and the Vapor Combustion Unit will not run simultaneously. The Vapor Combustion Unit will act as a back up to the Vapor Recovery Unit.

Date: February 8, 2019