

Emission Sources - Maximum Allowable Emission Rates

Permit Number 22939

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-101	Storage Tank 101	VOC	0.59	0.86
T-102	Storage Tank 102	VOC	0.59	0.86
T-103	Diesel Tank 103	VOC	7.87	0.88
T-104	Storage Tank 104	VOC	0.89	1.87
T-109	Storage Tank 109	VOC	1.34	0.83
T-111	Additive Tank 111	VOC	1.58	0.02
T-112	Additive Tank 112	VOC	1.39	0.01
T-113	Additive Tank 113	VOC	0.83	0.01
T-114	Additive Tank 114	VOC	4.83	0.06
T-119	Storage Tank 119	VOC	1.27	2.88
T-120	Storage Tank 120	VOC	0.67	1.01
T-160	Diesel Tank 160	VOC	1.00	0.17
VCU	Vapor Combustion Unit (6)	VOC	9.02	-
		NO _x	3.97	7.61
		CO	9.75	18.99
		SO ₂	0.02	0.02
		PM	0.18	0.30
		PM ₁₀	0.18	0.30
		PM _{2.5}	0.18	0.30
VRU	Vapor Recovery Unit (6)	VOC	9.72	-
VCU/VRU	VCU/VRU Combined Caps (6)	VOC	9.72	18.86

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LRFUG	Uncaptured Loading Losses	VOC	15.11	14.01
F1	Loading Area Fugitives (5)	VOC	0.05	0.21
F2	Storage Area Fugitives (5)	VOC	0.05	0.23
F3	Wastewater Fugitives (5)	VOC	2.10	0.29
SITEWIDE	Sitewide Sources (7)	Individual HAP Total HAPs		< 10.00 < 25.00

- (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
- CO - carbon monoxide
- 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
- HAPs - hazardous air pollutants as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C. They include benzene, ethylbenzene, hexane, methyl-tert-butyl ether, 2,2,4-trimethylpentane, toluene, and xylene.
- (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 Combustion Unit is a backup for the Vapor Recovery Unit. Both of these control devices shall not be operated simultaneously. The total combined VOC emission rates from the Vapor Combustion Unit and the Vapor Recovery Unit shall not exceed 9.72 lb/hr and 18.86 tpy of VOC.
- (7) The combined emissions of all sources of hazardous air pollutants (HAPs) at this site are limited to less than 10 TPY of any single HAP and less than 25 TPY of any combination of the aggregate HAPs. Records of the HAP emissions shall be maintained on-site to demonstrate compliance with these limitations.

Date: August 21, 2015