

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56481

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)
T3166	Tank 3166	VOC	1.06	1.26
T3167	Tank 3167	VOC	1.38	0.66
T3168	Tank 3168	VOC	0.93	0.72
T3169	Tank 3169	VOC	18.59	3.73
T3170	Tank 3170	VOC	18.59	3.73
T3171	Tank 3171	VOC	3.02	1.81
T3172	Tank 3172	VOC	4.95	4.46
T3173	Tank 3173	VOC	2.82	1.82
T3174	Tank 3174	VOC	5.39	4.75
T3175	Tank 3175	VOC	2.83	2.30
T3176	Tank 3176	VOC	20.25	2.21
T3410	Tank 3410	VOC	0.74	0.96
T4279	Tank 4279	VOC	1.38	2.70
T4280	Tank 4280	VOC	2.45	0.92
FUG1	Equipment Component Fugitives (5)	VOC	0.13	0.55
FUG2	Uncaptured Loading Fugitives	VOC	42.63	35.16
FUG3	Ethanol Equipment Fugitives (5)	VOC	0.46	0.20

Emission Sources - Maximum Allowable Emission Rates

VCU	Vapor Combustion Unit	VOC	22.54	28.93
		NO _x	9.04	9.90
		CO	22.65	25.21
		PM	0.01	0.01
		PM _{2.5}	0.01	0.01
		PM ₁₀	0.01	0.01
		SO ₂	0.01	0.01
399-130	Additive Tank 1	VOC	0.35	0.01
399-163	Additive Tank 2	VOC	10.05	0.18
399-138	Additive Tank 3	VOC	6.92	0.09
399-150	Additive Tank 4	VOC	2.44	0.06
399-133	Additive Tank 5	VOC	1.72	0.04
399-160	Additive Tank 6	VOC	7.68	0.16
399-135	Additive Tank 399-135	VOC	0.67	0.02

- (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.

Date: May 9, 2016