

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	2.58	2.60
T3167	Tank 3167	VOC	1.67	0.91
T3168	Tank 3168	VOC	1.20	0.90
T3169	Tank 3169	VOC	17.92	2.55
T3170	Tank 3170	VOC	17.92	2.55
T3171	Tank 3171	VOC	2.70	2.25
T3172	Tank 3172	VOC	4.99	5.98
T3173	Tank 3173	VOC	2.66	2.20
T3174	Tank 3174	VOC	4.33	4.98
T3175	Tank 3175	VOC	2.70	2.25
T3176	Tank 3176	VOC	2.00	1.33
T3177	Tank 3177	VOC	2.01	2.38
T3410	Tank 3410	VOC	0.73	0.29
T4279	Tank 4279	VOC	3.92	4.28
T4280	Tank 4280	VOC	2.76	1.18
Tank 1	Contact Water Tank	VOC	14.59	1.50
Sump	Sump	VOC	5.42	0.31
FUG1	Equipment Component Fugitives (5)	VOC	0.17	0.73
FUG2	Uncaptured Loading Fugitives (6)	VOC	42.63	35.16
FUG3	Ethanol Equipment Fugitives (5)	VOC	1.31	2.86

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VCU (7)(8)	Vapor Combustion Unit, Non-vacuum assisted	VOC	--	--
		NO _x	9.04	9.90
		CO	22.65	25.21
		PM	0.01	0.02
		PM _{2.5}	0.01	0.02
		PM ₁₀	0.01	0.02
		SO ₂	0.01	0.01
VRU (7)(8)		VOC	Please see VRU/VCU VOC Cap, Non-vacuum - Assisted	Please see VRU/VCU VOC Cap, Non- vacuum - Assisted
	VRU/VCU VOC Cap, Non-vacuum assisted (7)(8)	VOC	22.54	28.93
VCU (8)	Vapor Combustion Unit, Vacuum Assisted	VOC	--	33.19
		NO _x	9.04	14.67
		CO	22.65	37.14
		PM	0.01	0.02
		PM _{2.5}	0.01	0.02
		PM ₁₀	0.01	0.02
		SO ₂	<0.01	<0.01
VRU (8)	VRU	VOC	Please see VRU/VCU VOC Cap, Vacuum -Assisted	Please see VRU/VCU VOC Cap, Vacuum - Assisted
	VRU/VCU VOC Cap, Vacuum Assisted (8)	VOC	22.54	46.42
399-130	Additive Tank 1	VOC	0.42	0.02
399-163	Additive Tank 2	VOC	0.46	0.01
399-138	Additive Tank 3	VOC	8.38	0.12
399-150	Additive Tank 4	VOC	2.55	0.08
399-133	Additive Tank 5	VOC	0.68	0.01

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399-160	Additive Tank 6	VOC	9.26	0.16
399-135	Additive Tank 399-135	VOC	0.67	0.01

- (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) Uncaptured truck loading fugitives (EPN FUG2) shall not be authorized after installing of the blower system. The blower system shall be installed prior to the start of operations authorized in TCEQ Project No. 269930 on August 10, 2018.
- (7) Control devices EPNs VCU and VRU are limited to non-vacuum assisted allowable emission rates until the blower system is operational.
- (8) Uncontrolled distillate truck loading emissions are represented per EPNs VCU and VRU.

Date: August 10, 2018