

Emission Sources - Maximum Allowable Emission Rates

Permit Number 50595

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)
5M-1	IFR Storage Tank 5M-1	VOC	1.50	1.01
5M-2	IFR Storage Tank 5M-2	VOC	1.53	1.09
20M-1	IFR Storage Tank 20M-1	VOC	1.22	1.48
20M-2	EFR Storage Tank 20M-2	VOC	2.05	3.88
20M-3	EFR Storage Tank 20M-3	VOC	2.16	4.05
40M-2	EFR Storage Tank 40M-2	VOC	2.07	4.63
55M-2	EFR Storage Tank 55M-2	VOC	1.52	3.41
130M-1	IFR Storage Tank 130M-1	VOC	1.46	3.33
A-3	Fuel Additive Tank	VOC	1.72	0.02
A-7	Fuel Additive Tank	VOC	0.16	0.01
A-8	Fuel Additive Tank	VOC	0.96	0.01
SUMP-1	Stormwater Sump 1	VOC	0.07	0.41
SUMP-2	Stormwater Sump 2	VOC	0.02	0.02
SUMP-3	Stormwater Sump 3	VOC	0.04	0.04
BU-1	Butane Unloading	VOC	0.65	0.07
L-1	Loading Rack (Uncontrolled)	VOC	5.59	9.97
L-2	Vapor Combustor Unit	VOC	6.16	12.77
		NO _x	1.20	2.56
		CO	6.01	12.78
		PM	0.21	0.91
		PM ₁₀	0.21	0.91
		PM _{2.5}	0.21	0.91
		SO ₂	0.02	0.07
F-1	Piping Fugitive Components (5)	VOC	0.12	0.54

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GV-TLDRA	Uncontrolled Tank Landings Emission Cap	VOC	71.17	2.14
GV-TLDRC	Controlled Tank Landings Emissions Cap	VOC	21.04	0.13
		NO _x	3.86	0.04
		CO	7.71	0.07
		PM	0.21	0.01
		PM ₁₀	0.21	0.01
		PM _{2.5}	0.21	0.01
		SO ₂	0.02	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.

Date: September 13, 2022