

Emission Sources - Maximum Allowable Emission Rates

Permit Number 942A

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)
T301	Storage Tank 301	VOC	4.23	
		Benzene	0.08	
T621	Storage Tank 621	VOC	2.39	
		Benzene	0.05	
Annual Cap for Tanks 301 and 621		VOC		21.94
T007	Storage Tank 007	VOC	5.26	
T008	Storage Tank 008	VOC	5.26	
Annual Cap for Tanks 007 and 008		VOC		1.46
T1400	Storage Tank 1400	VOC	0.54	0.20
3M-1	Storage Tank 3M-1	VOC	0.69	0.90
T001	Additive Tank	VOC	4.83	0.03
TA-2	Additive Tank	VOC	0.12	0.01
TA-3	Additive Tank	VOC	1.56	0.01
TK10	Additive Tank	VOC	0.59	0.01
TK12	Additive Tank	VOC	3.71	0.01
11	Additive Tank	VOC	0.18	0.002
F-1	Piping Fugitives (5)	VOC	0.14	0.62
		Benzene	0.01	0.03
LL-1	Loading Losses	VOC	5.00	1.00
AE-1	Air Eliminator System	VOC	1.98	0.36
CN-1	Vapor Combustion Unit	VOC	16.02	33.81
		Benzene	0.26	0.52

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		CO	8.02	16.92
		NO _x	3.82	6.47
		SO ₂	0.01	0.01
		PM	0.21	0.35
		PM ₁₀	0.21	0.35
		PM _{2.5}	0.21	0.35
	Site-wide HAPs (6)	Single HAP		<10.00
		Total HAPs		<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
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
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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 site-wide allowable emissions of HAPs will be less than 10 TPY for any single HAP and less than 25 TPY for all HAPs. Compliance with these allowable emission rates is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

Date: March 12, 2020