

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19344

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)
1	Flare	CO	3.44	10.20
		HCl	0.03	0.15
		NO _x	0.63	1.90
		PM	0.06	0.23
		SO ₂	0.01	0.01
		VOC	0.59	1.71
2	CPX 1 Storage Tank East	VOC	0.01	0.01
3	CPX 1 Storage Tank West	VOC	0.01	0.01
12	CPX 1 Loading (6)	VOC	9.40	0.12
	CPX 1 Loading Fugitives (5)(7)	VOC	0.47	0.006
13	L900 Production Fugitives (5)	VOC	3.13	13.74
		TiCl ₄	0.22	0.96

- (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
 CO - carbon monoxide
 HCl - hydrochloric acid
 TiCl₄ - titanium tetrachloride
- (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 CPX 1 truck loading/unloading emissions will be routed to Flare, EPN 1 no later than the end of December 31, 2007 or upon completion, if earlier, of a vent line and supporting equipment to connect CPX 1 truck loading/unloading facility to Flare, EPN 1. Upon completion of routing emissions to Flare, EPN 1, or after December 31, 2007 authorization to emit from EPN 12, CPX 1 Loading, will be void.
- (7) Loading fugitives after December 31, 2007

Date: August 6, 2018