

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17750

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 (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
21	Tolonate Incinerator	HDI (6)	0.13	0.57
		VOC	0.50	2.20
		NO _x	1.40	6.20
		PM	2.50	10.95
		PM ₁₀	2.50	10.95
		PM _{2.5}	2.50	10.95
		CO	0.27	1.18
F-COUGAR	Diisocyanate Products Unit Fugitives (5)	HAP (6)	0.40	1.75
		VOC	1.18	5.18
U-COUGAR	Uncontrolled Tank Breathing Losses (8)	HDI (6)(7)	<0.01	<0.01
		HAP (6)	0.01	<0.01
		VOC	0.16	0.20

- (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
- PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀
 - particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
- PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- CO
 - carbon monoxide
- HDI
 - hexamethylene diisocyanate
- 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) Emissions are included in VOC emission rates
- (7) Emissions are included in HAP emission rates
- (8) Emissions are an emissions cap for the uncontrolled standing losses from fixed roof tanks during periods the incinerator (EPN 21) is not in service due to scheduled maintenance.

Date: December 8, 2017