

Emission Sources - Maximum Allowable Emission Rates

Permit Number 39616

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 (6)	
			lbs/hour	TPY (4)
345-04-STO through 345-08-STO	Vehicle Heater Test Cell Stacks - Hourly emissions (per test)	NO _x	0.64	--
		CO	0.14	--
		VOC	0.05	--
		PM ₁₀	0.04	--
		SO ₂	0.04	--
345-04-STO through 345-08-STO	Vehicle Heater Test Cell Stacks - Annual Emissions Cap (all test cells combined)	NO _x	--	2.37
		CO	--	0.51
		VOC	--	0.19
		PM ₁₀	--	0.17
		SO ₂	--	0.16
373-01-STO through 373-16-STO	Engine Test Cell Stacks - Hourly emissions (per test)	NO _x	9.59	--
		CO	2.07	--
		VOC	0.78	--
		PM ₁₀	0.67	--
		SO ₂	0.63	--
373-01-STO through 373-16-STO	Engine Test Cell Stacks - Annual Emissions Cap (all test cells combined)	NO _x	--	35.91
		CO	--	7.74
		VOC	--	2.93
		PM ₁₀	--	2.52
		SO ₂	--	2.36

Emission Sources - Maximum Allowable Emission Rates

375-01-STO	Transmission Test Cell Stack	NO _x	9.59	1.90
		CO	2.07	0.41
		VOC	0.78	0.15
		PM ₁₀	0.67	0.13
		SO ₂	0.63	0.12
373-01-FUG through 373-16-FUG	Fugitives (5)	VOC	0.02	0.08

- (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) Fugitive emission rates are an estimate only and should not be considered as a maximum allowable emission rate.
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: October 28, 2013