

Emission Sources - Maximum Allowable Emission Rates

Permit Number 47170

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 (5)	
			lb/hour	TPY (4)
E-1 through E-12	Thermal Treatment Units (E-1 through E-12, combined)	NO _x	5.93	10.61
		CO	49.47	23.54
		PM	58.44	16.47
		PM ₁₀	27.02	4.82
		PM _{2.5}	27.02	4.82
		VOC	44.67	21.24
		SO ₂	0.82	0.17
		Pb	0.02	0.01
		HCl	34.68	3.97
		SO ₃	< 0.01	< 0.01
		HNO ₃	< 0.01	< 0.01
		N ₂ O	< 0.01	< 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

N₂O - nitrous oxide

SO₃ - sulfur trioxide

HCl - hydrogen chloride

HNO₃ - nitric acid

Pb - lead

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- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rates include planned startup and shutdown.

Date: September 5, 2013