

Emission Sources - Maximum Allowable Emission Rates

Permit Number 118272

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)	
			lbs/hour	TPY (4)
RTO	Regenerative Thermal Oxidizer	VOC	7.20	5.25
		VOC _{POC}	0.10	0.14
		PM	0.08	0.15
		PM ₁₀	0.08	0.15
		PM _{2.5}	0.08	0.15
		SO ₂	0.02	0.02
		NO _x	1.41	2.17
		CO	0.87	1.60
RF1 and RF2	Roof Fan 1 and Roof Fan 2	VOC	29.70	29.70

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

VOC_{POC} - VOC as a result of products of combustion

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - total 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

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: September 29, 2014