

Emission Sources - Maximum Allowable Emission Rates

Permit Number 131697

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	Thermal Oxidizer	NO _x	0.86	3.77
		VOC (Combustion)	0.03	0.14
		VOC	5.04	5.69
		CO	0.49	2.16
		PM (Combustion)	0.14	0.62
		PM ₁₀ (Combustion)	0.14	0.62
		PM _{2.5} (Combustion)	0.14	0.62
		SO ₂	<0.01	0.02
		PM	0.06	0.03
		PM ₁₀	0.06	0.03
		PM _{2.5}	0.06	0.03
HWH1	Hot Water Heater 1 0.50 MMBtu/hr Natural Gas Fired Heater	NO _x	0.03	0.14
		VOC	<0.01	0.01
		CO	0.05	0.20
		PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		SO ₂	<0.01	<0.01
HWH2	Hot Water Heater 2 0.50 MMBtu/hr Natural Gas Fired Heater	NO _x	0.03	0.14
		VOC	<0.01	0.01
		CO	0.05	0.20
		PM	<0.01	0.02

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		SO ₂	<0.01	<0.01
RINGFUG	Residual Manufactured Ring Fugitives	VOC	0.27	0.14
PLSFUG	Plastics Building Fugitives (Includes mold cleaner, thinner, release agent, and adhesive for inserted and non-inserted parts)	VOC	0.83	3.63
		ES	0.26	1.16
		PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
RBRFUG	Rubber Molds Fugitives (Includes mold primers, lubricant, release agent, hardener, and adhesives)	VOC	0.59	2.59
		ES	0.42	1.85
		PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
All emission points at the site	All sources at the site	Individual HAP	---	<10.00
		Combined HAP	---	<25.00

- (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
- ES - exempt solvent; those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- 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
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- 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
- 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: November 6, 2015