

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18431

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 (4)	
			lbs/hour	TPY (5)
RTO1	Regenerative Thermal Oxidizer 1 (combined emissions from FINS EXPAND, AGING, MOLD, RGRND, and RTO1)	VOC (pentane)	4.51	0.92
		VOC (6)	0.02	0.05
		NO _x (6)	1.70	1.21
		CO (6)	1.04	0.94
		PM (6)	0.08	0.08
		PM ₁₀ (6)	0.08	0.08
		PM _{2.5} (6)	0.08	0.08
		SO ₂ (7)	<0.01	<0.01
BLR1	Steam Boiler 1 (FIN BLR1)	VOC (6)	0.14	0.41
		NO _x (6)	2.47	7.41
		CO (6)	2.08	6.23
		PM (6)	0.19	0.56
		PM ₁₀ (6)	0.19	0.56
		PM _{2.5} (6)	0.19	0.56
		SO ₂ (6)	0.01	0.04
BLDGFUG	Building Fugitive Emissions (combined emissions from FINS RAWSTRG, EXPAND, AGING, MOLD, and FINSTRG)	VOC (pentane)	33.34	46.86
All Emission Points at the Site	All Sources at the Site	Individual HAP	---	<10.00
		Total HAPs	---	<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
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide

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PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- 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
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) Allowable emissions for all sources include emissions from maintenance, startup and shutdown

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

(6) Products of combustion of natural gas and pentane

(7) Product of combustion of natural gas

Date: October 31, 2016