

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9131

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)
I-04	Oxidizer I-04	VOC	1.38	5.57
		VOC (6)	0.03	0.14
		NO _x	2.60	10.12
		SO ₂	0.01	0.05
		PM	0.21	0.81
		PM ₁₀	0.21	0.81
		PM _{2.5}	0.21	0.81
		CO	1.94	7.59
I-05	Oxidizer I-05	VOC	1.77	6.61
		VOC (6)	0.04	0.17
		NO _x	2.45	9.60
		SO ₂	0.01	0.05
		PM	0.20	0.78
		PM ₁₀	0.20	0.78
		PM _{2.5}	0.20	0.78
		CO	1.73	6.86
F-5 and F-6	Press 462	VOC	0.90	3.50
F-7 and F-8	Press 541	VOC	1.84	7.06
F-9 and F-10	Press 701	VOC	1.24	5.46
All Emission Points at the Site	All Sources at the Site	Individual HAP		<10.00
		Combined HAP		<25.00

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- (1) Emission point identification 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
SO ₂	- sulfur dioxide
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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rates include planned maintenance, startup and shutdown activities.
- (6) VOC emissions from the incomplete combustion of natural gas in the thermal oxidizer.

Date: May 7, 2018