

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2129

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	
			lbs/hour	TPY (4)
90.09	Flare 1	NO _x	3.93	2.49
		CO	7.83	4.97
		SO ₂	0.01	0.01
		VOC	23.24	11.24
90.09	Flare MSS (7)	NO _x	60.34	-
		CO	122.74	-
		SO ₂	0.01	-
		VOC	222.02	-
90.11	Heater F-9004A (6)	NO _x	3.40	4.07
		CO	2.85	3.42
		SO ₂	0.03	0.02
		PM ₁₀	0.26	0.31
		VOC	0.19	0.22
90.12	Heater F-9004B (6)	NO _x	3.40	4.07
		CO	2.85	3.42
		SO ₂	0.03	0.02
		PM ₁₀	0.26	0.31
		VOC	0.19	0.22
90.13	Fugitives (5)	VOC	15.75	68.96
90.14 A/B	E/P Amonnia Analyzer Vents	VOC	0.22	0.16

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D-9041 A	Diesel Tank D-9041 A	VOC	0.01	0.01
D-9041 B	Diesel Tank D-9041 B	VOC	0.01	0.01
D-9003	Diesel Tank D-9003	VOC	0.01	0.01
D-9005	Diesel Tank D-9005	VOC	0.02	0.01
D-9006	Corrosion Inhibitor Tank	VOC	0.02	0.01
D-9044	Corrosion Inhibitor Tank	VOC	0.01	0.01
J9006A-B	Building J9006 Analyzer Vents	VOC	0.01	0.01
J9007A-D	Building J9007 Analyzer Vents	VOC	0.01	0.01
J9011A-E	Building J9011 Analyzer Vents	VOC	0.07	0.29
90.09A	Flare Analyzer Vents	VOC	0.01	0.01
MSS-ATM	MSS Fugitive Emissions	VOC	40.32	1.09
Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:				
30 TAC 106.473				
D-9004	Gasoline Tank D-9004	VOC	5.81	0.51

- (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
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (6) Heater emissions are based on maximum firing rate of 83,000 MMBtu/yr.
- (7) Annual emissions for planned maintenance from flare 90.09 are included in the annual routine emissions.

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Date: September 30, 2014