

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY**</u>
90.09	Flare 1	NO _x	3.93	1.81
		CO	7.83	3.60
		SO ₂	0.01	0.01
		VOC	23.24	7.34
90.11	Heater F-9004A (5)	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 (5)	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 (4)	VOC	15.75	68.96
90.14A/B	E/P Ammonia Analyzer Vents	VOC	0.22	0.16
D-9041A	Diesel Tank D-9041A	VOC	0.01	0.01
D-9041B	Diesel Tank D-9041B	VOC	0.01	0.01
D-9003	Diesel Tank D-9003	VOC	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
D-9004	Gasoline Tank D-9004 (6)	VOC	5.81	0.51
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 Vent	VOC	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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 (30 TAC § 101.1)
 - CO - carbon monoxide
 - NO_x - total oxides of nitrogen
 - PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Heater emissions are based on maximum firing rate of 83,000 MMBtu/yr.
- (6) The Gasoline Tank D-9004, Emission Point No. D-9004, is authorized through Permit by Rule authorization 30 TAC § 106.473 and it is included for reference purposes only.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ____ Days/week ____ Weeks/year ____ or Hrs/year 8,760

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 23, 2009