

## 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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
90.09	Flare 1	NO <sub>x</sub>	3.93	1.81
		CO	7.83	3.60
		SO <sub>2</sub>	0.01	0.01
		VOC 23.24	7.34	
90.11	Heater F-9004A (5)	NO <sub>x</sub>	3.40	8.14
		CO	2.85	6.84
		SO <sub>2</sub>	0.03	0.05
		PM <sub>10</sub> 0.26	0.62	
		VOC	0.19	0.45
90.12	Heater F-9004B (5)	NO <sub>x</sub>	3.40	8.14
		CO	2.85	6.84
		SO <sub>2</sub>	0.03	0.05
		PM <sub>10</sub> 0.26	0.62	
		VOC	0.19	0.45
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
D-9004	Gasoline Tank D-9004 (6)	VOC	5.81	0.51

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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

CO - carbon monoxide

NO<sub>x</sub> - total oxides of nitrogen

PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

SO<sub>2</sub> - 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 operating schedule of 4,800 hours at maximum fire rate.

(6) The Gasoline Tank D-9004, Emission Point No. (EPN) D-9004, is authorized through Permit by Rule authorization 30 TAC § 106.473 and it is included for reference purposes only.

\* 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.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

Dated December 12, 2005