

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 942A

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**
T301	Tank 301	VOC	3.74	
		Benzene	0.06	
T621	Tank 621	VOC	3.86	
		Benzene	0.06	
T002	Tank 002	VOC	31.83	
		Benzene	0.49	
T003	Tank 003	VOC	35.44	
		Benzene	0.55	
T004	Tank 004	VOC	43.31	
		Benzene	0.67	
T005	Tank 005	VOC	31.83	
		Benzene	0.49	
Total TPY for Tanks (301, 621, 002, 003, 004, and 005)				30.50
T007	Tank 007	VOC	0.32	
T008	Tank 008	VOC	0.87	
Total TPY for Tanks (007 and 008)				1.52
T001	Additives	VOC	0.14	
TA-2	Additives	VOC	0.003	
TA-3	Additives	VOC	0.09	
Total TPY for Additives (T001, TA-2, and TA-3)				0.01

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			lb/hr	TPY**
T1400	Tank 1400	VOC	0.10	0.22
CN-1	Vapor Combustion Unit (VCU)	VOC	16.02	33.81
		Benzene	0.26	0.52
		CO	8.02	16.92
		NO <sub>x</sub>	3.82	6.47
		SO <sub>2</sub>	0.01	0.01
F-1	Fugitives (4)	VOC	0.14	0.59
		Benzene	0.01	0.02
Loading Fugitives	Loading Fugitives (5)	VOC	5.00	1.00
	Site-wide HAPs (6)	Single 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<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 SO<sub>2</sub> - sulfur dioxide  
 HAP - hazardous air pollutants
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) See Special Condition No. 15.
- (6) The site-wide allowable emissions of HAPs will be less than 10 tons per year (tpy) for any single HAP and less than 25 tpy for all HAPs. Compliance with these allowables is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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

\_\_\_\_Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year or 8,760 Hrs/year

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

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			lb/hr	TPY**

Dated May 17, 2010