

## EMISSION SOURCES - EMISSION CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Flexible Permit Number 83149

This table lists the maximum allowable emission caps or rates and all sources of air contaminants on the applicant's property authorized by this permit. The emission rates shown are those derived from information submitted as part of the application for the 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 *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

ADDITIVE TANKS

1	Tank 1 - HFX	VOC	0.64	
2	Tank 2 - HFX	VOC	0.64	
3	Tank 3 - HFX	VOC	0.64	
4	Tank 4 - HFX	VOC	1.92	
5	Tank 5 - HFX	VOC	1.92	
6	Tank 6 - HFX	VOC	3.85	
7	Tank 7 - HFX	VOC	3.85	
8	Tank 8 - VFX	VOC	5.12	
9	Tank 9 - VFX	VOC	5.12	
10	Tank 10 - VFX	VOC	5.12	

PRODUCT TANKS

610	Tank 610 - IFR	VOC	1.40	
611	Tank 611 - IFR	VOC	1.40	
620	Tank 620 - IFR	VOC	1.90	

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<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
	TPY			
630	Tank 630 - VFX	VOC	12.50	
631	Tank 631 - IFR	VOC	1.80	
650	Tank 650 - IFR	VOC	2.90	
651	Tank 651 - IFR	VOC	2.90	
660	Tank 660 - IFR	VOC	1.90	
EOP	EOP Tank - HFX	VOC	14.30	
VCU or VRU	Vapor Combustion Unit or Vapor Recovery Unit	VOC	12.09	
LOADFUG	Uncollected Loading Losses (5)	VOC	15.67	
FUG	Equipment Fugitives (4)	VOC	0.19	
<b>VOC EMISSION CAP</b>				59.53
VCU	Vapor Combustion Unit	NO <sub>x</sub>	6.29	6.78
		CO	12.57	13.56

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- (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.
  - HFX - horizontal fixed roof
  - VFX - vertical fixed roof
  - IFR - internal floating roof
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 - includes HAPs
  - HAP - organic hazardous air pollutant as defined in Title 40 Code of Federal Regulations Part 63, Subpart A.
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
- 4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Uncollected loading losses from loading without the vacuum collection system operating. This should be infrequent, as representations are to maximize utilization of the vacuum system for product recovery. Uncollected loading losses from loading without the vacuum collection system operating will be tracked and counted toward the VOC cap.
- (6) Total emissions of HAPS shall be no greater than 10 tpy for any one HAP and 25 tpy for all HAPs.

\*Emission rates are based on continuous operation 8,760 hour/year.

\*\* Compliance with the annual VOC cap and individual emission limits is based on a rolling 12-month period.

Date December 22, 2008