

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6370B

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**
E011	Tank Car Degassing Flare (4) (5)	VOC	30.33	
		NO <sub>x</sub>	0.15	
		SO <sub>2</sub>	0.05	
		HCl	1.00	
		VCM	0.02	
		NH <sub>3</sub>	1.26	
		CO	0.84	
E011C	Vapor Combustor Unit (5)	VOC	21.65	
		NO <sub>x</sub>	7.40	
		SO <sub>2</sub>	0.05	
		HCl	1.00	
		VCM	0.02	
		NH <sub>3</sub>	1.26	
		CO	0.94	
E011A	Tank Car Degassing Flare and/or Vapor Combustor Unit (5)	VOC		4.04
		NO <sub>x</sub>		3.21
		SO <sub>2</sub>		0.11
		HCl		0.06
		VCM		0.01
		NH <sub>3</sub>		0.76
		CO		0.26
E011B	Tank Car Fugitives	VOC	0.18	0.01

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- (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 an 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  
SO<sub>2</sub> - sulfur dioxide  
HCl - hydrogen chloride  
VCM - vinyl chloride monomer  
NH<sub>3</sub> - anhydrous ammonia  
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) The Tank Degassing Flare (Emission Point No. [EPN] E011) and the Vapor Combustor Unit (EPN E011C) operations shall not occur simultaneously.

\* 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.

Dated February 2, 2009