

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6105

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**
306M2107	PO _x Flare	NO _x	21.90	2.51
		CO	736.60	74.21
		SO ₂	0.30	0.01
306ABLDG1	PO _x Analyzers	CO	0.40	1.78
111R46	Reactor Vent	VOC	1.33	5.82
111 F	Fugitives (4)	VOC	2.75	12.05
		CO	0.47	2.07
111V1003	Tank V-1003	VOC	0.21	0.02
111V1037	Tank V-1037	VOC	0.86	0.04
251AV1029	Tank V-1029	VOC	0.58	2.14
251AV1030	Tank V-1030	VOC	0.58	2.14
251AV1033	Tank V-1033	VOC	0.74	2.97
251AV1034	Tank V-1034	VOC	0.27	0.34
111V1004	Tank V-1004	VOC	0.02	0.01
111V1005	Tank V-1005	VOC	2.14	0.02
111V1012	Tank V-1012	VOC	0.02	0.01
111V1013	Tank V-1013	VOC	0.01	0.01

EMISSIONS FROM SOURCES AND MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
111V1023	Tank V-1023	VOC	0.03	0.01
251CV1031	Tank V-1031	VOC	5.69	4.60
251CV1032	Tank V-1032	VOC	5.69	4.69
111V185	Tank V-185	VOC	0.03	0.01
111V272	Tank V-272	VOC	0.03	0.01
111V649	Tank V-649	VOC	0.03	0.01
111V827	Tank V-827	VOC	5.48	3.12
251BV502	Tank V-502	VOC (5)	0.40	0.97
		Heptanoic Acid	0.13	0.57
111V505	Tank V-505	VOC	0.13	0.28
251BV506	Tank V-506	VOC	0.13	0.09
251BV507	Tank V-507	VOC	0.13	0.09
251BV515	Tank V-515	VOC	0.13	0.07
251BV520	Tank V-520	VOC	0.13	0.05
251BV521	Tank V-521	VOC	0.13	0.05
306F	Fugitives (4)	VOC	0.20	0.81
		CO	0.13	0.60
306F	Fugitives (4)	VOC	0.01	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
NOx - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOC emissions do not include heptanoic acid emission rates.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year

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

Dated March 23, 2007