

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 5146 and N056

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**
TNKTL00001	Tank 0001	VOC (4) benzene	17.0 0.08	
TNKTL00002	Tank 0002	VOC (4) benzene	17.0 0.08	
TNKTL00003	Tank 0003	VOC (4) benzene	17.0 0.08	
TNKTL00004	Tank 0004	VOC (4) benzene	17.0 0.08	
TNKTL00005	Tank 0005	VOC (4) benzene	23.7 0.11	
TNKTL00006	Tank 0006	VOC (4) benzene	17.0 0.08	
TNKTL00007	Tank 0007	VOC (4) benzene	17.0 0.08	
ATM-Degas	Tank De-gassing	VOC (4)	681.82	---
Hourly Cap - Tank Roof Landing Operations only				
All Tanks	All Tanks	VOC	263.73	
		Benzene	2.64	
Annual Cap - Tank Operations				
<u>Routine Operations</u>				
All Tanks	All Tanks	VOC		53.86
		Benzene		.54

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			lb/hr	TPY**
<u>Roof Landing Operations</u>				
All Tanks	All Tanks	VOC		37.03
		Benzene		.37
SUMP-1	SUMP-1	VOC	0.01	
0.16				
		Benzene	0.01	
0.01				
SUMP-2	SUMP-2	VOC	0.01	
0.16				
		Benzene	0.01	
0.01				
SUMP-3	SUMP-3	VOC	0.01	
0.16				
		Benzene	0.01	
0.01				
F-20-332-1	Fugitives	VOC (5)	0.04	0.16
		Benzene	0.01	0.01
PVCU	Portable Vapor Combustor (7)	CO	15.35	2.85
		NO _x	7.69	1.43
		SO ₂	0.01	0.01
		VOC	39.63	4.94
VCU-01	Controlled Roof Landings	CO	91.69	31.22
		NO _x	45.93	15.64
		VOC (6)	-----	----

- (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) CO - carbon monoxide
NO_x - oxides of nitrogen
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
- (4) Includes benzene emissions; annual VOC emissions included in annual >all tanks= cap.
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (6) VOC emissions included in respective hourly and annual >all tanks= caps.

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			lb/hr	TPY**

(7) Emissions represent post control of collected VOC emissions generated during an authorized planned floating tank landing, degassing and roof refloating storage tank activity.

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

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

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

Dated May 26, 2011