

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56286

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**
EPAT	Vapor Combustor	CO	173.55	53.82
		NO _x	86.93	26.96
		SO ₂	0.69	0.07
		VOC	62.24	20.70
<u>Dock No. 1- Berth Nos. 6 and 7</u>				
FBTH6	Barge Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH6	Ship Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH6	Barge Loading Losses (7) Non-Controlled Products	VOC	32.45	13.80
FBTH6	Ship Loading Losses (7) Non-Controlled Products	VOC	12.98	5.52
FBTH7	Barge Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH7	Ship Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH7	Barge Loading Losses (7) Non-Controlled Products	VOC	32.45	13.80
FBTH7	Ship Loading Losses (7) Non-Controlled Products	VOC	12.98	5.52

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**

Dock Number 2 - Berth Numbers 1 and 2

FBTH1 and 2	Barge Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH1 and 2	Ship Loading Losses (7)	VOC (5)	3276.00	1089.27
	Controlled Products Only	VOC (6)	163.80	54.46
FBTH1 and 2	Barge Loading Losses (7) Non-Controlled Products	VOC	32.45	13.80
FBTH1 and 2	Ship Loading Losses (7) Non-Controlled Products	VOC	12.98	5.52

Dock Number 3 - Berth Number 8

FBTH8	Barge Loading Losses (7) (8) Controlled Products Only	VOC	163.80	54.46
FBTH8	Ship Loading Losses (7) (8) Controlled Products Only	VOC	163.80	54.46
FBTH8	Barge Loading Losses (7) Non-Controlled Products	VOC	32.45	13.80
FBTH8	Ship Loading Losses (7) Non-Controlled Products	VOC	12.98	5.52
FPATDOCK	Process Fugitives (4)	VOC	0.83	3.64

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- (1) Emission point identification - either specific equipment designation or emission point number (EPN) 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 - total oxides of nitrogen
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code ' 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Pre emission control for non collected gasoline/unfinished gasoline loading only.
- (6) Post emission control for non collected gasoline/unfinished gasoline loading emissions only.
- (7) Total pounds per hour and total tons per year (TPY) of VOC emissions from the four berths shall not exceed these values. Annual emission limits are based on a rolling 12-month period.

	<u>pounds per hour</u>	<u>TPY</u>
Barge Loading Losses (5)	3276.0	1089.27
Controlled Products Only (6)	163.80	54.46
Ship Loading Losses (5)	3276.0	1089.27
Controlled Products Only (6)	163.80	54.46
Barge Loading Losses Non-controlled Products	32.45	13.80
Ship Loading Products Non-controlled Products	12.98	5.52

- (8) Controlled products shall not be loaded through Berth Number Eight onto barges and ships until the Vapor Combustor designated as EPN EPAT is built and operating to receive and control these waste gas vent streams by March 1, 2007.

* 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: September 7, 2010