

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

Pre Increased Utilization Project

Dock No. 1- Berth Nos. 6 and 7

FBTH6	Barge Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH6	Ship Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH6	Barge Loading Losses (5) Non-Controlled Products	VOC	32.45	13.80
FBTH6	Ship Loading Losses (5) Non-Controlled Products	VOC	12.98	5.52
FBTH7	Barge Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH7	Ship Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH7	Barge Loading Losses (5) Non-Controlled Products	VOC	32.45	13.80
FBTH7	Ship Loading Losses (5) Non-Controlled Products	VOC	12.98	5.52

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
<u>Dock Number 2 - Berth Number 2</u>				
FBTH2	Barge Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH2	Ship Loading Losses (5) Controlled Products Only	VOC	163.80	54.46
FBTH2	Barge Loading Losses (5) Non-Controlled Products	VOC	32.45	13.80
FBTH2	Ship Loading Losses (5) Non-Controlled Products	VOC	12.98	5.52
T7T01480	Tank 1480 Gasoline Service	VOC	2.34	4.61
FPATDOCK	Process Fugitives (4)	VOC	0.83	3.64

Post Increased Utilization Project

Dock No. 1- Berth Nos. 6 and 7

FBTH6	Barge Loading Losses (6) Controlled Products Only	VOC	163.80	54.46
FBTH6	Ship Loading Losses (6) Controlled Products Only	VOC	163.80	54.46
FBTH6	Barge Loading Losses (6) Non-Controlled Products	VOC	56.95	19.73
FBTH6	Ship Loading Losses (6) Non-Controlled Products	VOC	22.78	7.89
FBTH7	Barge Loading Losses (6) Controlled Products Only	VOC	163.80	54.46
FBTH7	Ship Loading Losses (6) Controlled Products Only	VOC	163.80	54.46

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
FBTH7	Barge Loading Losses (6) Non-Controlled Products	VOC	56.95	19.73
FBTH7	Ship Loading Losses (6) Non-Controlled Products	VOC	22.78	7.89
<u>Dock Number 2 - Berth Number 2</u>				
FBTH2	Barge Loading Losses (6) Controlled Products Only	VOC	163.80	54.46
FBTH2	Ship Loading Losses (6) Controlled Products Only	VOC	163.80	54.46
FBTH2	Barge Loading Losses (6) Non-Controlled Products	VOC	56.95	19.73
FBTH2	Ship Loading Losses (6) Non-Controlled Products	VOC	22.78	7.89
T7T01480	Tank 1480 Lube Oil Service	VOC	1.60	0.24
FPATDOCK	Process Fugitives (4)	VOC	1.67	7.33

- (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) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

- (5) Total pounds per hour and total tons per year (TPY) of VOC emissions from the authorized three 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 Controlled Products Only	163.80	54.46
Ship Loading Losses Controlled Products Only	163.80	54.46
Barge Loading Losses Non-controlled Products	32.45	13.80
Ship Loading Products Non-controlled Products	12.98	5.52

- (6) Total pounds per hour and TPY of VOC emissions from the authorized three 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 Controlled Products Only	163.80	54.46
Ship Loading Losses Controlled Products Only	163.80	54.46
Barge Loading Losses Non-controlled Products	56.95	19.73
Ship Loading Products Non-controlled Products	22.78	7.89

- * 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: July 8, 2011