

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
EPAT	Vapor Combustor	CO	173.55	53.82
		NOx	86.93	26.96
		SO2	0.69	0.07
		VOC	62.24	20.7
Dock No. 1- Berth Nos. 6 and 7				
FBTH6	Barge Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH6	Ship Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH6	Barge Loading Losses Non-Controlled Products (6)	VOC	56.95	19.73
FBTH6	Ship Loading Losses Non-Controlled Products (6)	VOC	22.78	7.89
FBTH7	Barge Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH7	Ship Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH7	Barge Loading Losses Non-Controlled Products (6)	VOC	56.95	19.73
FBTH7	Ship Loading Losses Non-Controlled Products (6)	VOC	22.78	7.89

Emission Sources - Maximum Allowable Emission Rates

Dock Number 2 - Berth Number 2				
FBTH2	Barge Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH2	Ship Loading Losses Controlled Products Only (6)	VOC	163.8	54.46
FBTH2	Barge Loading Losses Non-Controlled Products (6)	VOC	56.95	19.73
FBTH2	Ship Loading Losses Non-Controlled Products (6)	VOC	22.78	7.89
FPATDOCK	Process Fugitives (5)	VOC	1.67	7.33

- (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
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (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

Permit Number 56286
Page

Emission Sources - Maximum Allowable Emission Rates

Date: August 12, 2013