

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56469

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**
SD1	Ship Dock 1	VOC	25.98	—
SD2	Ship Dock 2	VOC	14.29	—
BD2	Barge Dock 2	VOC	10.39	—
BD3	Barge Dock 3	VOC	3.25	—
	Total - Ship Docks 1 and 2 and Barge Docks 2 and 3	VOC	—	21.18
TC	Uncollected Railcar Loading Losses (5)			
	- through August 31, 2005	VOC	10.54	5.01
	- beginning September 1, 2005	VOC	4.75	3.04
TT	Uncollected Truck Loading Losses (5)			
	- through August 31, 2005	VOC	10.54	2.60
	- beginning September 1, 2005	VOC	1.56	0.74
FLARE047	Truck/Railcar	VOC	12.65	1.53
	Loading Flare (5)	NO _x	1.08	0.20
		CO	4.29	0.78
FUG-1	Piping Component Fugitives - Docks (4)	VOC	4.48	19.63
BDFUG	Piping Component Fugitives - butadiene service (4)	VOC	0.72	3.15

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Emission Point No. (1)	Source	Air Contaminant		Emission Rates *	
		Name (2)		Name (3) lb/h	
	TPY**				
B-1	Boiler	VOC		0.14	0.62
		NO _x	0.97	4.26	
		CO	2.16	9.46	
		SO ₂	0.02	0.07	
		PM ₁₀	0.20	0.86	

- (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
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) The Truck/Railcar Loading Flare will be permanently shut down by September 1, 2005, in accordance with Special Condition No. 6. Emissions from EPN FLARE047 will not be authorized by this permit after September 1, 2005. Beginning September 1, 2005, only emissions from EPNs TC and TT resulting from loading materials having a true vapor pressure of less than 0.5 psia will be authorized by this permit.

* Emission rates are based on a continuous operating schedule.

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

Dated June 24, 2005