

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

5631B

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
1	Tankage		VOC		(5)	97.01
	A3.5-1 — A3.5-8					
	A6-3 — A6-5					
	A7.5-5 — A7.5-12					
	A12-5 — A12-13					
	A15-1 — A15-16					
	A20-1					
	B25-1					
	B30-1, B30-2					
	B30-4 — B30-8					
	D7.5-13 — D7.5-15					
	D10-1 — D10-3					
	D15-17 — D15-24					
	D20-2, D20-3					
	D30-9, D30-10					
	F6-1 — F6-2					
	F7.5-1 — F7.5-4					
	F12-1 — F12-4					
MLFR	Marine Flare		VOC (6)		11.87	0.95
			CO		10.50	0.84
			NOx		1.25	0.10
TVFL	Tank Vent Flare		CO		33.01	4.29
			NOx		3.85	0.50
LR	Truck, Rail and Barge Heavy Aromatic Naptha Loading Facilities		VOC		44.35	1.63
FU	Heavy Aromatic Naptha		VOC			0.4

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### Fugitives (4)

FU	ONCB Fugitives (4)	VOC	<0.01
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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
FU	EDA Fugitives (4)	VOC		<0.01
FU	Amine Fugitives (4)	VOC	0.03	0.003
FU	Loading Rack Fugitives	VOC	0.09	0.38

- (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 General Rule 101.1  
CO - carbon monoxide  
NOx - total oxides of nitrogen
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) For hourly emission rates, refer to Model Emission Rates, Section VII, in the application dated April 5, 1990.
- (6) VOC maximum emission based upon 99.3 percent DRE; 2,000 bbls/hr of methyl formate; 2,000 bbls/hr of cyclopentane and 2,000 bbls/hr of pentadiene. Annual emission based upon 320,000 bbl/yr of each chemical (960,000 bbls/yr total).

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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

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Revised\_\_\_\_\_