

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20740/PSD-TX-324M7

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

<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
162	Oleflex Heater	NO _x	21.28	93.21
		PM ₁₀	2.72	11.93
		SO ₂	5.97	26.14
		CO	14.34	62.81
		VOC	0.67	2.95
163	Boiler 30-B-03	NO _x	20.00	87.60
		PM ₁₀	1.39	6.09
		SO ₂	4.24	18.55
		CO	10.07	44.10
		VOC	0.39	1.72
164	Storage Tank 64	VOC	2.16	4.79
165	Storage Tank 65	VOC	2.16	4.79
166	Storage Tank 76	VOC	1.27	0.49
18F	HRLEU Fugitives (4)	VOC	0.70	3.09
37F	MTBE Fugitives (4)	VOC	0.52	2.30
38F	Oleflex Fugitives (4)	VOC	0.44	1.92
30B03F	Boiler Fugitives (4)	VOC	0.01	0.04
MVRUF	VRU Fugitives (4)	VOC	0.85	2.09
167CT	Cooling Tower	VOC	1.68	7.36

VRU	Vapor Recovery Unit	VOC	61.33	43.81
-----	---------------------	-----	-------	-------

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
31	Barge Dock Loading (5)	VOC	2593.00	925.00
SHIP2	Ship Dock No. 2 (5) Loading	VOC	2593.00	730.00
SHIP3	Ship Dock No. 3 (5) Loading	VOC	2593.00	730.00
168	CCR Scrubber	HCl	0.06	0.28
		Cl ₂	0.01	0.04
		SO ₂	0.04	0.19
		H ₂ SO ₄	<0.01	0.01

(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) PM₁₀ - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCl - hydrogen chloride

Cl₂ - chlorine

H₂SO₄ - sulfuric acid

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) The hourly emissions stated for each of these emission points are the total maximum allowable emissions for all sources of marine loading. The total annual emissions from these three emission points shall not exceed 925 TPY.

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

Permit No. 20740/PSD-TX-324M7
Page 3

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

Dated 04-02-97