

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 462

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
B-1	6.5 MM Btu/Hr Boiler	NOx	0.65	2.85
		CO	0.13	0.57
		PM	0.04	0.15
		SO2	<0.01	0.02
		VOC	0.04	0.15
FU-1	Plant Fugitives (4)	VOC	19.64	22.35
12-3	Marine Vapor Incinerator	PM	0.14	0.61
		SO2	0.02	0.08
		NOx	3.90	17.04
		CO	0.98	4.26
		VOC	1.71	0.60
12-2	Incinerator	PM	0.19	0.28
		SO2	<0.03	<0.04
		NOx	5.18	7.73
		CO	1.30	1.93
		VOC	0.28	0.22
1	Ship Loading	VOC	7.42	<0.02
2	East and West Barge Loading	VOC	0.21	0.02
14	Tank Truck	VOC	4.62	0.07
81	Railcar Storage TKV9601	VOC	0.75	<0.01
96	Railcar Storage TKV9606	VOC	0.24	<0.01
87	Railcar Storage TKV9608	VOC	0.40	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
82	Railcar Storage TKV9602	VOC	0.03	<0.01
84	Railcar Storage TKV9604	VOC	<0.01	<0.01
83	Railcar Storage TKV9603	VOC	<0.01	<0.01
3	Drum Loading	VOC	14.95	0.14
26	Tank V9201	VOC	1.31	3.14
27	Tank V9202	VOC	78.00	0.75
28	Tank V9203	VOC	1.20	1.17
29	Tank V9204	VOC	1.47	0.52
30	Tank V9205	VOC	78.00	2.40
31	Tank V9206	VOC	1.65	1.53
32	Tank V9217	VOC	302.00	13.90
65	Tank V9223	VOC	305.00	4.10
75	Tank V9227	VOC	0.82	0.60
33	Tank V9301	VOC	1.25	1.35
34	Tank V9302	VOC	3.00	0.50
35	Tank V9303	VOC	1.56	0.75
36	Tank V9304	VOC	182.00	3.80
37	Tank V9305	VOC	107.00	8.00

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
38	Tank V9306	VOC	1.33	1.23
58	Tank V9401	VOC	1.21	2.19
59	Tank V9402	VOC	1.21	2.19
60	Tank V9403	VOC	1.21	2.19
39	Tank V9407	VOC	0.65	0.37
67	Tank V9701	VOC	0.73	1.46
100	Tank V9266	VOC	0.62	0.50

- (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) PM - particulate matter  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year         

Dated