

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5970

## [417740] Obsolete !!

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**
116	Tank No. 116	VOC (6)	1.16	1.07
		Benzene	0.82	0.17
117	Tank No. 117	VOC (6)	4.71	7.67
		Benzene	0.04	0.07
130	Tank No. 130	VOC (6)	3.05	3.84
		Benzene	0.04	0.06
131	Tank No. 131	VOC (6)	8.71	26.22
		Benzene	0.07	0.22
132	Tank No. 132	VOC (6)	8.38	1.03
		Benzene	0.06	0.13
133	Tank No. 133	VOC (6)	8.71	26.57
		Benzene	0.07	0.22
134	Tank No. 134	VOC (6)	7.67	4.01
		Benzene	0.06	0.05
142	Tank No. 142	VOC (6)	3.40	10.89
		Benzene	0.03	0.11
143	Tank No. 143	VOC (6)	3.40	10.89
		Benzene	0.03	0.11
144	Tank No. 144	VOC (6)	3.40	10.89
		Benzene	0.03	0.11

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145	Tank No. 145	VOC (6)	5.96	2.69
		Benzene	0.04	0.03
146	Tank No. 146	VOC (6)	5.96	2.69
		Benzene	0.04	0.03
147	Tank No. 147	VOC (6)	4.57	2.29
		Benzene	0.03	0.03
148	Tank No. 148	VOC (6)	4.57	2.29
		Benzene	0.03	0.03
153	Tank No. 153	VOC (6)	2.59	6.18
		Benzene	0.02	0.05

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FUG1	Piping Fugitives (4)	VOC (6)	2.63	11.55
		Benzene	0.99	4.33
<b>VCU2/VCU3</b>	<b>Vapor Combustor 2/ Vapor Combustor 3</b>	<b>CO</b>	<b>43.93</b>	<b>29.38</b>
		<b>NO<sub>x</sub></b>	<b>31.63</b>	<b>21.15</b>
		<b>VOC (6)</b>	<b>34.25</b>	<b>20.74</b>
		<b>Benzene</b>	<b>0.27</b>	<b>0.16</b>
TANKVCU	Tank Vapor Control Unit (Maintenance, Start-Up, and Shutdown [MSS] Operations)	CO	10.05	0.36
		NO <sub>x</sub>	5.03	0.18
		VOC (6)	34.25	0.76
		Benzene	0.53	0.01
VCU	Vapor Combustor	CO	26.62	18.09
		NO <sub>x</sub>	19.97	13.57
		VOC	167.84	61.85
LOADFUG	Loading Fugitives (5)	VOC	53.86	18.00

(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) **CO** - **carbon monoxide**

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**NO<sub>x</sub> - total oxides of nitrogen**

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

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

**(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations. [Current version of this footnote. Please note that the new text merely represents the manner in which regional inspectors have interpreted the old text.]**

**(5) LOADFUG** represents the authorized uncontrolled loading of low vapor pressure products.

**(6) The VOC rates include the benzene emission rates which follow.**

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

\_\_\_\_\_ Hrs/day \_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760 Hrs/year

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