

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1285

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
ST-LL1	Activated Carbon Vapor Recovery Unit (4)	VOC	15.15	24.28
ST-LL1	Enclosed Flare No.1	VOC	17.28	24.38
		Benzene	0.187	0.09
		CO	29.02	14.77
		NO _x	7.29	3.71
F-LL1	Loading Rack No. 1	VOC	22.16	31.26
		Benzene	0.24	0.115
F-T2213	Storage Tank No. 2213	VOC	0.01	0.03
F-T29514	Storage Tank No. 29514	VOC	1.17	0.40
F-T29515	Storage Tank No. 29515	VOC	1.16	0.40
F-T29537	Storage Tank No. 29537	VOC	0.10	0.15
F-T29538	Storage Tank No. 29538	VOC	5.78	19.88
		Benzene	0.062	0.08
F-T30745	Storage Tank No. 30745	VOC	0.61	2.67
F-T30746	Storage Tank No. 30746	VOC	1.41	4.72
		Benzene	0.015	0.02
F-T30967	Storage Tank No. 30967	VOC	0.76	2.55
		Benzene	0.008	0.01
F-T31476	Storage Tank No. 31476	VOC	0.79	2.68
		Benzene	0.009	0.01

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F-T31485	Storage Tank No. 31485	VOC	0.98	3.14
		Benzene	0.011	0.01

UGT31828	Underground Tank No. 31828	VOC	0.01	0.03
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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
UGTVRUKO	Underground VRU Knock-out Tank	VOC	0.03	0.11
UGTFLUSH	Underground Flush Tank	VOC	0.17	0.73
UGTOWS	Underground Oil/Water Separator	VOC	0.20	0.89
FELS	Fugitive Emissions (5)	VOC	1.21	5.32
		Benzene	<0.01	<0.01
NEW A	Storage Tank A	VOC	1.93	0.03
NEW B	Storage Tank B	VOC	1.93	0.03
ST-LL2	Enclosed Flare No. 2	VOC	17.28	24.38
		Benzene	0.187	0.09
		CO	29.02	14.77
		NO _x	7.29	3.71
F-LL2	Loading Rack No. 2	VOC	22.16	31.26
		Benzene	0.24	0.115

(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

NO_x - total oxides of nitrogen

VOC - volatile organic compounds as defined in General Rule 101.1

- (4) This maximum allowable emissions rate is based on current facility operation and shall cease to apply when enclosed Flare No. 1, ST-LL1, becomes operational, no later than eight months after approval of this amendment.
- (5) 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____Days/week____Weeks/year____or Hrs/year 8,760

Dated_____

