

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9008

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
001	LR Fugitives (4)	total VOC (5)	6.80	17.54
		Benzene	0.03	0.06
		Ethylbenzene	0.01	0.01
		Hexane	0.10	0.20
		MTBE	0.81	1.68
		Toluene	0.07	0.16
		2,2,4-Trimethylpentane		0.05
	0.10	Xylenes	0.03	0.06
		VOC, other (6)	5.71	15.28
FL-1	LR Flare	total VOC (5)	18.40	38.02
		Benzene	0.07	0.15
		Ethylbenzene	0.02	0.04
		Hexane	0.26	0.53
		MTBE	2.19	4.52
		Toluene	0.20	0.42
		2,2,4-Trimethylpentane		0.13
	0.27	Xylenes	0.07	0.15
		VOC, other (6)	15.46	31.93
		Nitrogen Oxides	0.72	4.12
		Carbon Monoxide	2.72	6.79
601	Storage Tank	total VOC (5)	1.64	2.78
		Benzene	0.01	0.01
		Hexane	0.02	0.04
		MTBE	0.20	0.33

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
604	Storage Tank	Toluene	0.02	0.03
		2,2,4-Trimethylpentane		0.01
		0.02		
		Xylenes	0.01	0.01
		VOC, other (6)	1.38	2.33
		total VOC (5)	2.06	3.52
		Benzene	0.01	0.01
		Hexane	0.03	0.05
		MTBE	0.24	0.42
		Toluene	0.02	0.04
		2,2,4-Trimethylpentane		0.01
		0.02		
		Xylenes	0.01	0.01
		VOC, other (6)	1.73	2.95
609	Storage Tank	total VOC (5)	8.09	14.00
		Benzene	0.03	0.06
		Ethylbenzene	0.01	0.01
		Hexane	0.11	0.20
		MTBE	0.96	1.67
		Toluene	0.09	0.15
		2,2,4-Trimethylpentane		0.06
		0.10		
		Xylenes	0.03	0.06
		VOC, other (6)	6.80	11.76
610	Storage Tank	total VOC (5)	1.12	1.85
		Benzene	0.00	0.01
		Hexane	0.02	0.03
		MTBE	0.13	0.22
		Toluene	0.01	0.02
		2,2,4-Trimethylpentane		0.01
		0.01		
		Xylenes	0.00	0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		VOC, other (6)	0.94	1.55
611	Storage Tank	total VOC (5)	1.16	2.06
		Benzene	0.00	0.01
		Hexane	0.02	0.03
		MTBE	0.14	0.24
		Toluene	0.01	0.02
		2,2,4-Trimethylpentane		0.01
	0.01	Xylenes	0.00	0.01
		VOC, other (6)	0.97	1.73
645	Storage Tank	total VOC (5)	1.61	2.75
		Benzene	0.01	0.01
		Hexane	0.02	0.04
		MTBE	0.19	0.33
		Toluene	0.02	0.03
		2,2,4-Trimethylpentane		0.01
	0.02	Xylenes	0.01	0.01
		VOC, other (6)	1.35	2.31
680	Storage Tank	VOC	1.20	2.63
8001A	Additive Storage Tank	total VOC (5)	0.33	0.73
		Ethylbenzene	0.00	0.01
		Xylenes	0.01	0.03
		VOC, other (6)	0.32	0.70
8002A	Additive Storage Tank	total VOC (5)	0.38	0.84
		Ethylbenzene	0.00	0.01
		Xylenes	0.02	0.03
		VOC, other (6)	0.36	0.80
PF-1	Process Fugitives (4)	total VOC (5)	0.10	0.44

Hexane	0.00	0.01
MTBE	0.01	0.05
VOC, other (6)	0.08	0.37

- (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
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 MTBE - methyl-tert-butyl ether
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- (5) total VOC - includes speciated VOC
- (6) VOC, other - includes non-speciated VOC

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated_____