

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	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
		Xylenes	0.03	0.06
		VOC, other	5.71	15.28
FL-1	LR Flare	total VOC	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
		Xylenes	0.07	0.15
		VOC, other	15.46	31.93
		Nitrogen Oxides	0.72	4.12
		Carbon Monoxide	2.72	6.79

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
601	Storage Tank	total VOC	1.64	2.78
		Benzene	0.01	0.01
		Hexane	0.02	0.04
		MTBE	0.20	0.33
		Toluene	0.02	0.03
		2,2,4- Trimethylpentane	0.01	0.02
		Xylenes	0.01	0.01
		VOC, other	1.38	2.33
604	Storage Tank	total VOC	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	1.73	2.95
609	Storage Tank	total VOC	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	6.80	11.76

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
610	Storage Tank	total VOC	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
		VOC, other	0.94	1.55
611	Storage Tank	total VOC	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	0.97	1.73
645	Storage Tank	total VOC	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	1.35	2.31

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
680	Storage Tank	VOC	1.20	2.63
8001A (6/98)	Additive Storage Tank	total VOC	0.33	0.73
		Ethylbenzene	0.00	0.01
		Xylenes	0.01	0.03
		VOC, other	0.32	0.70
8002A (6/98)	Additive Storage Tank	total VOC	0.38	0.84
		Ethylbenzene	0.00	0.01
		Xylenes	0.02	0.03
		VOC, other	0.36	0.80
PF-1	Process Fugitives (4)	total VOC	0.10	0.44
		Hexane	0.00	0.01
		MTBE	0.01	0.05
		VOC, other	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

total VOC - includes speciated VOC which follows

VOC, other - includes non-speciated VOC

(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:

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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