

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1677

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
11	TANK 11		VOC	0.16
12	TANK 12		VOC	0.16
13	TANK 13		VOC	0.16
101	TANK 101		VOC	1.43
102	TANK 102		VOC	1.14
103	TANK 103		VOC	1.14
104	TANK 104		VOC	2.60
151	TANK 151		VOC	1.16
152	TANK 152		VOC	2.60
153	TANK 153		VOC	1.43
251	TANK 251		VOC	11.92
307	TANK 307		VOC	2.61
308	TANK 308		VOC	1.22
309	TANK 309		VOC	1.22
310	TANK 310		VOC	1.19
351	TANK 351		VOC	1.21

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
352	TANK 352			VOC 1.21
353	TANK 353			VOC 1.21
401	TANK 401			VOC 1.23
402	TANK 402			VOC 7.83
403	TANK 403			VOC 1.23
404	TANK 404			VOC 1.23
501	TANK 501			VOC 7.55
502	TANK 502			VOC 1.25
503	TANK 503			VOC 1.31
504	TANK 504			VOC 1.31
505	TANK 505			VOC 1.31
506	TANK 506			VOC 1.31
507	TANK 507			VOC 1.25
508	TANK 508			VOC 1.25
509	TANK 509			VOC 4.50
510	TANK 510			VOC 1.25
511	TANK 511			VOC 4.50
512	TANK 512			VOC 1.25

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	Emission Rates * TPY
513	TANK 513			VOC 4.50
514	TANK 514			VOC 1.25
601	TANK 601			VOC 4.61
602	TANK 602			VOC 1.28
603	TANK 603			VOC 4.50
604	TANK 604			VOC 2.24
605	TANK 605			VOC 1.26
650	TANK 650			VOC 16.32
651	TANK 651			VOC 1.28
652	TANK 652			VOC 1.82
653	TANK 653			VOC 1.17
654	TANK 654			VOC 1.34
655	TANK 655			VOC 1.28
656	TANK 656			VOC 16.62
657	TANK 657			VOC 1.34
658	TANK 658			VOC 16.15
659	TANK 659			VOC 1.34
701	TANK 701			VOC 13.35
702	TANK 702			VOC 1.33

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
703	TANK 703			VOC 1.33
704	TANK 704			VOC 6.06
705	TANK 705			VOC 0.87
706	TANK 706			VOC 12.91
801	TANK 801			VOC 1.33
802	TANK 802			VOC 1.33
803	TANK 803			VOC 1.24
804	TANK 804			VOC 1.24
805	TANK 805			VOC 1.24
806	TANK 806			VOC 1.09
807	TANK 807			VOC 1.33
808	TANK 808			VOC 0.87
1001	TANK 1001			VOC 5.19
1002	TANK 1002			VOC 4.58
1003	TANK 1003			VOC 1.25
1004	TANK 1004			VOC 1.25
1005	TANK 1005			VOC 1.25
1006	TANK 1006			VOC 1.15

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
1007	TANK 1007			VOC 1.48
1008	TANK 1008			VOC 1.37
1009	TANK 1009			VOC 1.48
1010	TANK 1010			VOC 7.62
1011	TANK 1011			VOC 1.48
1012	TANK 1012			VOC 1.13
1013	TANK 1013			VOC 1.49
1014	TANK 1014			VOC 1.48
1015	TANK 1015			VOC 1.49
1016	TANK 1016			VOC 1.38
1017	TANK 1017			VOC 1.13
1018	TANK 1018			VOC 1.48
1019	TANK 1019			VOC 1.38
1020	TANK 1020			VOC 13.44
1021	TANK 1021			VOC 13.44
1022	TANK 1022			VOC 0.75
1023	TANK 1023			VOC 0.75
1024	TANK 1024			VOC 1.50
1025	TANK 1025			VOC 1.39

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
1026	TANK 1026		VOC	4.40
1027	TANK 1027		VOC	1.18
1028	TANK 1028		VOC	1.37
1029	TANK 1029		VOC	1.37
1801	TANK 1801		VOC	1.53
1802	TANK 1802		VOC	1.53
1901	TANK 1901		VOC	1.71
2001	TANK 2001		VOC	0.79
2401	TANK 2401		VOC	1.48
2501	TANK 2501		VOC	2.22
2502	TANK 2502		VOC	2.22
3001	TANK 3001		VOC	1.80
3002	TANK 3002		VOC	1.80
3003	TANK 3003		VOC	20.42
3004	TANK 3004		VOC	2.37
3005	TANK 3005		VOC	2.59
3006	TANK 3006		VOC	0.99
3007	TANK 3007		VOC	10.64

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	Emission Rates * TPY	
4001	TANK 4001			VOC	3.06
4002	TANK 4002			VOC	2.02
4003	TANK 4003			VOC	1.80
4004	TANK 4004			VOC	1.25
5001	TANK 5001			VOC	2.23
5002	TANK 5002			VOC	2.23
5003	TANK 5003			VOC	3.86
5004	TANK 5004			VOC	20.12
5005	TANK 5005			VOC	3.77
5006	TANK 5006			VOC	3.77
5007	TANK 5007			VOC	3.80
5008	TANK 5008			VOC	3.79
5009	TANK 5009			VOC	3.78
5501	TANK 5501			VOC	2.05
5502	TANK 5502			VOC	2.05
6501	TANK 6501			VOC	1.61
11201	TANK 11201			VOC	2.20
11202	TANK 11202			VOC	2.20
	ALL TANKS TOGETHER			VOC	72.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
CTF LDG	CENTRAL TANK FARM LOADING BY 05/31/95	VOC		402.00	
		VOC		27.70	
ETF LDG	EAST TANK FARM LOADING BY 05/31/95	VOC		402.00	
		VOC		27.70	
STF LDG	SOUTH TANK FARM LOADING	VOC		24.00	
WTF LDG	WEST TANK FARM LOADING BY 05/31/95	VOC		402.00	
		VOC		27.70	
	ALL TANK FARMS LOADING FUGITIVES BY 01/31/94	VOC			241.00
		VOC			31.00
D 15	DOCK 15 LOADING BY 12/31/95	VOC		1,005.00	
		VOC		50.25	
D 16	DOCK 16 LOADING BY 06/30/97	VOC		1,005.00	
		VOC		50.25	
D 19B	DOCK 19B LOADING BY 06/30/97	VOC		1,005.00	
		VOC		50.25	
	ALL DOCK LOADING FUGITIVES BY 12/31/95	VOC			139.00
		VOC			30.00
	BY 06/30/97	VOC			15.00
F 1	FLARE 1	VOC	92.00	3.92	
		CO		13.90	0.54
		NO _x		1.62	0.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
F2	FLARE 2	VOC	92.00	3.92	
		CO	8.80	0.34	
		NO _x	1.71	0.07	
F 3	FLARE 3	VOC	92.00	3.85	
		CO	13.90	0.53	
		NO _x	1.62	0.07	
B 1	BOILER 1	PM	0.03	0.14	
		SO ₂	<0.01	0.02	
		NO _x	0.63	2.75	
		CO	0.13	0.16	
		VOC	0.04	0.16	
B 2	BOILER 2	PM	0.07	0.28	
		SO ₂	<0.01	0.04	
		NO _x	1.26	5.50	
		CO	0.26	1.10	
		VOC	0.07	0.31	
B 3	HOT OIL HEATER	PM	0.02	0.05	
		SO ₂	<0.01	<0.01	
		NO _x	0.21	0.92	
		CO	0.05	0.19	
		VOC	0.02	0.06	
B 4	CENTRAL TANK FARM BOILER	PM	0.07	0.28	
		SO ₂	<0.01	0.04	
		NO _x	1.26	1.50	
		CO	0.26	1.10	
		VOC	0.07	0.31	
30W	TANK 30W WASTEWATER	VOC	0.12	0.17	

FUG	FUGITIVES (4)	VOC	32.68	143.14
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- (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.

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- (3) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (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 8,760

Dated_____