

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17830

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)	Emission Rates *	
			lb/hr	TPY
S-031	FCC Slurry Oil Tank 31	VOC	0.31	0.38
S-032	FCC Slurry Oil Tank 32	VOC	0.73	1.33
S-033	Alkylate Tank 33	VOC	1.06	3.18
S-034	FCC Light Cycle Oil Tank 34	VOC	0.63	0.62
S-035	Vacuum Gas Oil Tank 35	VOC	6.87	9.92
S-036	Sour Water Tank 36	VOC	0.98	3.27
		H ₂ S	<0.01	0.02
S-037	Reformate Tank 37	VOC	1.66	4.25
S-038	Light Alkylate Tank 38	VOC	1.26	2.32
S-040	Gasoline Tank 40	VOC	2.05	7.28
S-041	Gasoline Tank 41	VOC	15.11	63.46
S-042	Vacuum Gas Oil Tank 42	VOC	12.68	26.10
S-043	Alkylate Tank 43	VOC	0.44	1.24
S-058	Carbon Black Oil Tank 58	VOC	0.54	0.39
S-100	Kerosene Tank 100	VOC	0.41	0.48
S-101	Jet Fuel Tank 101	VOC	1.24	0.95

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			lb/hr	TPY
S-102	Jet Fuel Tank 102	VOC	1.24	0.95
S-108	Lube Oil Tank 108	VOC	0.09	0.10
S-119	Kerosene Tank 119	VOC	0.33	0.19
S-120	Kerosene Tank 120	VOC	0.33	0.19
S-127	Diesel Tank 127	VOC	4.64	1.74
S-128	Diesel Tank 128	VOC	4.64	1.74
S-129	Diesel Tank 129	VOC	4.63	1.66
S-130	Diesel Tank 130	VOC	4.63	1.66
S-200	Mirando Crude Tank 200	VOC	0.95	2.58
		H ₂ S	0.06	0.22
S-201	Mirando Crude Tank 201	VOC	0.77	1.13
S-300	Blendstock Tank 300	VOC	2.64	11.39
S-301	Gasoline Tank 301	VOC	1.18	4.22
S-302	Gasoline Tank 302	VOC	1.18	4.10
S-303	JP4 Tank 303	VOC	0.59	1.28
S-304	JP4 Tank 304	VOC	0.59	1.28
S-305	Gasoline Tank 305	VOC	1.18	4.07
S-306	Gasoline Tank 306	VOC	1.18	4.07
S-308	Gasoline Tank 308	VOC	2.15	6.58

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			lb/hr	TPY
S-309	JP4 Tank 309	VOC	0.49	1.22
S-310	Slop Tank 310	VOC	0.82	2.40
S-311	JP4 Tank 311	VOC	0.58	1.26
S-312	Naphtha Tank 312	VOC	0.32	0.65
S-313	Gasoline Tank 313	VOC	2.07	8.54
S-314	JP4 Tank 314	VOC	0.58	1.22
S-315	Gasoline Tank 315	VOC	1.10	4.25
S-316	Aviation Gasoline Tank 316	VOC	1.09	2.42
S-317	Toluene Tank 317	VOC	0.35	0.42
S-318	Aviation Gasoline Tank 318	VOC	0.76	1.63
S-331	Naphtha Tank 331	VOC	1.41	3.27
S-332	Gasoline Tank 332	VOC	3.22	12.01
S-333	Naphtha Tank 333	VOC	5.25	16.44
S-334	Gasoline Tank 334	VOC	2.05	7.35
S-335	Gasoline Tank 335	VOC	2.05	7.23
S-336	Gasoline Tank 336	VOC	2.15	6.81
S-337	Crude Oil Tank 337	VOC	1.61	5.29
		H ₂ S	<0.01	0.01
S-338	Crude Oil Tank 338	VOC	1.61	5.29

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			<u>lb/hr</u>	<u>TPY</u>
		H ₂ S	<0.01	0.01
S-401	Vacuum Bottoms Tank 401	VOC	1.07	1.72
S-402	No. 6 Fuel Oil Tank 402	VOC	1.07	1.43
S-680-6	Oily Wastewater Tank 680-6	VOC	1.70	5.21
S-680-7	Oily Wastewater Tank 680-7	VOC	1.70	5.21
S-680-8	Non-Oily Wastewater Tank 680-8	VOC	29.53	11.93
FUGITIVES	Fugitives (4)	VOC	7.10	31.08

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. Source name indicates worst-case material stored in each tank. Tank contents may vary as long as emissions remain within limits indicated. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1

H₂S - hydrogen sulfide

(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 _____ Days/week _____ Weeks/year or _____ 8,760 _____ Hrs/year

Dated _____