

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9600

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
EV001 0.099	Oxylation Blend Tank 1		VOC	0.937 (5)
EV002 0.099	Oxylation Blend Tank 2		VOC	0.937 (5)
EV003 0.099	Oxylation Blend Tank 3		VOC	0.937 (5)
EV1	Venturi Scrubber	Phosphoric Acid	0.001	0.22
EV2	Stripper	VOC	0.33	0.58
EV5	Reactor V-008 Scrubber	VOC	4.52	0.87
EV4	V-004 Scrubber	Total VOC	18.6	4.39
		EO	0.26	0.04
		PO	0.11	0.01
EFL1 0.006	Uncollected Truck Loading Emissions		VOC	0.132
EV3	Drum Loading Scrubber	VOC	0.32	0.06
EV3FUG 0.005	Uncollected Drum Loading Emissions		VOC	0.05
EC001A	Main Cooling Tower	VOC	0.24	1.04

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			lb/hr	TPY
EC001B 0.04	E0/P0 Storage Cooling Tower	VOC		0.01
EC001C 0.52	Dioxane Stripper Cooling Tower	VOC		0.12
EF001A	Fugitives (4)	Total VOC	0.33	1.45
		E0	0.049	0.22
		P0	0.035	0.15
EF001C	Fugitives (4)	VOC	0.04	0.16
EF001D	ACT Pig Station	VOC	0.083	0.03
EF001E	R-200 Pig Station	VOC	0.083	0.03
T099	Hold Tank	VOC	0.938	0.06
T167	Witco C-5466 Tank	VOC	18.02	0.89
T270	Blend Tank	VOC	0.008	0.009
T271	Blend Tank	VOC	0.008	0.009
T280	Blend Tank	VOC	0.008	0.009
T281	Blend Tank	VOC	0.008	0.009
EW-A-FUG 0.97	Wastewater System Emissions	VOC		0.22
FUG167	Tank 167 Fugitives (4)	VOC	0.04	0.16

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			lb/hr	TPY
FUG270	Tank 270 Fugitives (4)	VOC	0.05	0.22
FUG271	Tank 271 Fugitives (4)	VOC	0.05	0.22
FUG280	Tank 280 Fugitives (4)	VOC	0.08	0.34
FUG281	Tank 281 Fugitives (4)	VOC	0.07	0.30
FUG099	Tank 099 Fugitives (4)	VOC	0.02	0.07

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			lb/hr	TPY
R-400		Scrubber	E0	
0.0004		PO		0.0002
R-400FUG	Fugitives	E0	0.064	0.28
		PO	0.029	0.127

(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 30 Texas Administrative Code Section 101.1

Total VOC - volatile organic compounds including those listed immediately after the VOC entry.

E0 - ethylene oxide

PO - propylene oxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Only one blend tank will be filled at any one time.

* 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_____