

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	0.012	0.001
EV4	V-004 Scrubber	Total VOC	18.6	5.26
		EO	0.26	0.04
		PO	0.11	0.01
EL1	Truck Loading Station	VOC	0.029	0.06
EFL1 0.23	Uncollected Truck Loading Emissions		VOC	0.69
EV3	Drum Loading Station	VOC	0.12	0.42
EC001A	Main Cooling Tower	VOC	0.24	1.04
EC001B	EO/PO Storage Cooling Tower		VOC	0.01

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			lb/hr	TPY
0.04				
EC001C 0.52	Dioxane Stripper Cooling Tower	VOC		0.12
EF001A	Fugitives (4)	Total VOC	0.32	1.42
		EO	0.049	0.22
		PO	0.035	0.15
EF001C	Fugitives (4)	VOC	0.04	0.16
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-001	SU-001 Sump	VOC	0.078	0.34
EW-009 0.34	Process Waste Water Sump	VOC		0.078
EW-010 0.29	Wastewater Storage Tank	VOC		0.065
FUG167	Tank 167 Fugitives (4)	VOC	0.04	0.16
FUG270	Tank 270 Fugitives (4)	VOC	0.05	0.22

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			lb/hr	TPY
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
R-400 0.0004		Scrubber	EO	
		PO		0.0002
R-400FUG	Fugitives	EO	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 General Rule 101.1
Total VOC - volatile organic compounds including those listed immediately after the VOC entry.

EO - 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

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			lb/hr	<u>TPY</u>

Dated _____ October 9, 1998