

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6532

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 Rates *	Source	Air Contaminant	Emission	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
9	Hydrogenation Section Vent	VOC	56.72	6.01
10	Solvent Removal System (4)	VOC	50.08	24.65
12A	Cooling Tower	VOC	0.45	1.92
		Cl ₂	0.09	0.37
12B	Cooling Tower	VOC	0.99	3.13
	Barometric Condenser	Cl ₂	0.03	0.13
13	Product Purification Fugitives (5) 0.66		VOC	0.15
14A	Process Fugitives (5)	H ₂ O ₂	0.02	0.08
14B	Product Storage and Shipping Scrubber	H ₂ O ₂	0.07	0.04
15	Process Fugitives (5)	VOC	0.74	3.23
16	Methanol Scrubber (Tanks T-4304, 0.08 T-4498, and T-4499)		VOC	1.38
19	Wastewater Treatment Emissions 5.47		VOC	1.25
20A	Storage Tank T-4035	VOC	0.01	0.07

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
20B	Storage Tank T-4087	H ₂ O ₂	0.03	0.08
21A	Storage Tank T-4061 (6)	H ₂ O ₂	<0.01	<0.01
21B	Storage Tank T-4071 (6)	H ₂ O ₂	<0.01	<0.01
21C	Storage Tank T-4740	H ₂ O ₂	0.02	0.01
21D	Storage Tank T-4909	H ₂ O ₂	0.05	0.02
21E	Storage Tank T-4910	H ₂ O ₂	0.05	0.02
21F	Storage Tank T-8103	H ₂ O ₂	0.04	<0.01
21G	Storage Tank T-8104	H ₂ O ₂	0.04	<0.01
21H	Storage Tank T-8105	H ₂ O ₂	0.04	<0.01
01H	Process Fugitives (5)	HCl	0.03	0.14

(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

H₂O₂ - hydrogen peroxide

Cl₂ - chlorine

HCl - hydrogen chloride (aqueous)

(4) Pounds per hour rate not to be exceeded over one complete adsorption cycle.

(5) Fugitive emissions are an estimate only and should not be

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

considered as a maximum allowable emission rate.

(6) Storage Tanks T-4061 and T-4071 are operated as constant level tanks.

* 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 _____