

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY**
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	1.93
12B	Barometric Condenser	VOC	0.99	3.13
13	Product Purification Fugitives (5) 0.66	VOC		0.15
14A	Process Fugitives (5)	H ₂ O ₂	0.02	0.10
14B	Product Storage and Shipping 0.04 Scrubber		H ₂ O ₂	0.04
15	Process Fugitives (5)	VOC	0.63	2.78
16	Methanol Scrubber (Tanks T-4304, 0.03 T-4498, and T-4499)		VOC	0.64
19	Wastewater Treatment Emissions	VOC H ₂ O ₂	1.25 0.01	5.47 0.01
20A	Storage Tank T-4035	VOC	0.01	0.02

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
	TPY**			
20B	Storage Tank T-4087	H ₂ O ₂	0.01	0.03
21A	Storage Tank T-4061	H ₂ O ₂	0.01	0.01
21B	Storage Tank T-4071	H ₂ O ₂	0.01	0.01
21C	Storage Tank T-4740	H ₂ O ₂	0.01	0.01
21D	Storage Tank T-4909	H ₂ O ₂	0.01	0.01
21E	Storage Tank T-4910	H ₂ O ₂	0.01	0.01
21F	Storage Tank T-8103	H ₂ O ₂	0.01	0.01
21G	Storage Tank T-8104	H ₂ O ₂	0.01	0.01
21H	Storage Tank T-8105	H ₂ O ₂	0.01	0.01
For Reference Only				
21I	Storage Tank T-8109 (6)	H ₂ O ₂	0.01	0.01
21J	Storage Tank T-8110 (6)	H ₂ O ₂	0.01	0.01
21K	Storage Tank T-8111 (6)	H ₂ O ₂	0.01	0.01
21L	Storage Tank T-8112 (6)	H ₂ O ₂	0.01	0.01
22	Storage Tank T-4739 (6)	H ₂ O ₂	0.01	0.01
23	Storage Tank T-4742 (6)	H ₂ O ₂	0.01	0.01

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Point No. (1)	Name (2) TPY**	Name (3)	<u>lb/hr</u>	
24	H ₂ O ₂ Scrubber (6)	H ₂ O ₂	0.01	0.01
25	Drum Loading (6)	H ₂ O ₂	0.01	0.01
26	Process fugitives (6)	H ₂ O ₂	0.01	0.01
27	H ₂ O ₂ Scrubber (6)	H ₂ O ₂	0.01	0.03
28	Drum Loading (6)	H ₂ O ₂	0.01	0.01
29	Storage Tanks T-8482/8486 (6) 0.01		H ₂ O ₂	0.02
30	Storage Tank T-8412 (6)	H ₂ O ₂	0.03	0.01

(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 Title 30 Texas Administrative Code § 101.1
H₂O₂ - hydrogen peroxide

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

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(6) Facilities claimed under Permit by Rule Registration Numbers 44717, 52644, and 79470. These facilities are listed on the maximum allowable emission rates table for reference only.

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

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated July 2, 2008