

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
30-HY2-1322	Buildup/Purge Vents - Hydrogenation Section			15.9
D-1403 and 1404	Buildup/Purge Vents - Hydrogenation Section			<0.1
S-1507	Separator Vent Hydrogenation Section	VOC		<0.1
T-4031,4035, 4010,4085, 4061	Storage Tanks Extraction Section	VOC		<0.1
		H ₂ O ₂		<0.2
A-4901,T-4917 T-4909,T-4910	Storage Tanks Distillation Section	VOC		<0.1
		H ₂ O ₂		<0.1
S-4906	Separator Vent Distillation Section	VOC		<0.1
		H ₂ O ₂		<0.2
T-9304	Storage Tank Product Shipping	VOC		<0.1
		H ₂ O ₂		<0.2
T-9203,9204, 9206,9207, 9208,9209	Product Storage and Stabilization Tanks	H ₂ O ₂		<0.2
T-9301 and T-9302	Technical and Standard Product Tanks	H ₂ O ₂		<0.2
	Peroxide Loading	H ₂ O ₂		<0.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	Cooling Tower-From Barometric Condensers	VOC		13.0
	Cooling Tower-From Exchanger Leaks	VOC		0.88
	Wastewater Treatment Area	VOC		3.95
X-2303	Solvent Recovery Recovery System (5)	VOC	11.0	18.0
	Fugitive Process Leakage (4)	VOC		8.04
T-4493,4498	Storage Tanks Treatment Section	VOC		0.5
T-9305,9310, 9311,9312, 9313,9314, 9315	Product Storage Tanks	H ₂ O ₂		<0.1
C-703	Flare	VOC		0.6
		No _x		<0.1
		SO ₂		<0.1
		PM		<0.1
		CO		<0.1
	Solution Treatment Fugitives (4)	VOC		2.5

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- (1) Emission point identification - either specific equipment designation or emission point number from plot 5 plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter
H₂O₂ - hydrogen peroxide
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Pounds per hour rate not to be exceeded over one complete adsorption cycle.

* 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 _____