

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6257E

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	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	
<u>TPY</u>				
P-3	CO ₂ Stripper (5)	VOC	35.4	69.7
	CO ₂ Stripper (8)	VOC	0.71	1.39
P-4	EO Vent Absorber	VOC	0.07	0.31
P-5	Vent Condenser	VOC	0.19	0.80
P-6	Vent Condenser	VOC	0.38	1.60
P-10	Vent Condenser	VOC	0.38	1.60
P-12	Tank Farm Vent Scrubber	VOC	5.50	2.43
P-15	Flare	VOC	8.06	11.5
		NO _x	3.63	5.04
		CO	18.5	25.7
		SO ₂	0.03	0.04
P-16	Aqueous Tank	VOC	<0.01	<0.01
P-17	Organics Tank	VOC	0.12	0.06
P-18	LA Surge Tank	VOC	0.27	0.29
P-25	Boiler	VOC	0.28	1.23
		NO _x	4.20	18.4
		CO	3.50	15.3
		SO ₂	0.04	0.19
		PM ₁₀	0.96	4.20
P-26	Glycol Refinery	VOC	0.02	0.08

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
	Accumulator			
P-27	Glycol Recovery Accumulator	VOC	0.53	2.34
A-1	Fugitives (4)	VOC	4.06	17.85
UCT	Cooling Tower (4)	VOC	1.81	7.91
WW-EO	EO/EG Wastewater (4, 6)	VOC	11.3	49.3
	EO/EG Wastewater (4, 7)	VOC	3.9	9.2
	EO/EG Wastewater (4, 8)	VOC	0.25	1.1
TK-5417	Tank 5417	VOC	0.12	0.05
TK-5423	Tank 5423	VOC	0.03	<0.01
TK-5424	Tank 5424	VOC	0.03	<0.01
TK-5425	Tank 5425	VOC	<0.01	<0.01
TK-5426	Tank 5426	VOC	<0.01	<0.01
TK-5427	Tank 5427	VOC	<0.01	<0.01
TK-5428	Tank 5428	VOC	<0.01	<0.01
TK-5432	Tank 5432	VOC	<0.01	<0.01
TK-5433	Tank 5433	VOC	<0.01	<0.01
TK-5444	Tank 5444	VOC	0.02	<0.01
TK-5445	Tank 5445	VOC	0.15	<0.01

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<u>TPY</u>				
TK-6005	Tank 6005	VOC	0.15	0.02
TK-6006	Tank 6006	VOC	0.15	0.02
TK-6007	Tank 6007	VOC	0.15	0.02
TK-6010	Tank 6010	VOC	0.30	0.01
TK-6011	Tank 6011	VOC	<0.01	<0.01
TK-6012	Tank 6012	VOC	<0.01	<0.01
TK-6013	Tank 6013	VOC	<0.01	<0.01
TK-6014	Tank 6014	VOC	<0.01	<0.01
TK-6015	Tank 6015	VOC	0.06	<0.01
TK-6016	Tank 6016	VOC	0.06	<0.01
TK-6019	Tank 6019	VOC	<0.01	<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) PM₁₀ - condensable and non-condensable particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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

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TPY			

- (5) Emission rate effective until the installation of control device prior to November 1996.
- (6) Emission rate effective until production increase and the installation of wastewater tanks.
- (7) Emission rate effective after production rate increase and installation of tanks, prior to installation of control device.
- (8) Emission rate estimate following installation of control device.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated _____