

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
P-3	CO ₂ Stripper (5)	VOC	9.2	35.0
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	8.16	12.1
		NO _x	3.64	5.2
		CO	18.51	26.0
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	0.38	1.66
		NO _x	4.20	18.4
		CO	5.77	25.3
		SO ₂	0.04	0.19
		PM ₁₀	0.52	2.3
P-26	Glycol Refinery Accumulator	VOC	0.53	2.34
P-27	Glycol Recovery Accumulator	VOC	0.02	0.09

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			lb/hr	TPY
EO-FUG	Fugitives (4)	VOC	2.27	9.90
UCT WW-EO1	Cooling Tower EO/EG Wastewater	VOC	1.81	7.91
		VOC	<0.1	<0.1
WW-EO2	EO/EG Wastewater	VOC	<0.1	<0.1
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
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	0.06

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			lb/hr	TPY
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
LAB	Lab Vent	VOC	2.5	1.82
LOAD	Loading Emissions	VOC	0.81	0.4
ANVENT	Analyzer Vents	VOC	0.05	0.22

- (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 30 Texas Administrative Code Section 101.1.
 NO_x - total oxides of nitrogen.
 CO - carbon monoxide.
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter, equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 SO₂ - sulfur dioxide.
- (4) Fugitive and wastewater emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOC emissions over any two-year period shall not exceed 25 TPY.

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

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Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>

Hrs/day_____ Days/week_____ Weeks/year_____ or Hrs/year 8,760

Dated_____