

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34137

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
G-1	Standby Generator	NO _x	15.47	6.57
		CO	23.92	10.16
		PM/PM ₁₀	0.13	0.06
		VOC	0.20	0.09
		SO ₂	0.09	0.04
GR-1	Glycol Reboiler No. 1	NO _x	0.22	0.97
		CO	0.19	0.81
		PM/PM ₁₀	0.02	0.07
		VOC	0.01	0.05
		SO ₂	0.03	0.13
GR-2	Glycol Reboiler No. 2	NO _x	0.15	0.64
		CO	0.12	0.54
		PM/PM ₁₀	0.01	0.05
		VOC	<0.01	0.04
		SO ₂	0.02	0.09
GR-2C	R-BTEX Reboiler Nos. 1 and 2 Cooling Tower Vent	VOC	0.06	0.25
GR-3	Glycol Reboiler No. 3	NO _x	0.22	0.97
		CO	0.19	0.81
		PM/PM ₁₀	0.02	0.07
		VOC	0.01	0.05
		SO ₂	0.03	0.13
GR-4	Glycol Reboiler No. 4	NO _x	0.59	2.58
		CO	0.49	2.16
		PM/PM ₁₀	0.04	0.20
		VOC	0.03	0.14
		SO ₂	0.08	0.35

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
GR-5	Glycol Reboiler No. 5	NO _x	0.59	2.58
		CO	0.49	2.16
		PM/PM ₁₀	0.04	0.20
		VOC	0.03	0.14
		SO ₂	0.08	0.35
T-09	Tank 9 - Slop Oil/Water	VOC	0.15	<0.01
T-10	Tank 10 - Slop Oil/Water	VOC	0.08	<0.01
T-11	Tank 11 - Slop Oil/Water	VOC	0.01	<0.01
T-16	Tank 16 - TEG	VOC	<0.01	<0.01
T-17	Tank 17 - Ambitrol for C-5, C-6, and G-1	VOC	<0.01	<0.01
T-18	Tank 18 - Lube Oil for C-5, C-6, and G-1	VOC	<0.01	<0.01
T-25	Sump 25 - Slop Oil/Water from GR-1 and GR-2	VOC	0.02	<0.01
T-26	Sump 26 - Slop Oil/Water from GR-3, GR-4, and GR-5	VOC	0.03	<0.01
T-29	Sump 29 - Slop Oil/Water from C-5, C-6, C-7, C-8, and G-1	VOC	<0.01	<0.01
T-30	Tank 30 - Diesel	VOC	<0.01	<0.01
T-31	Tank 31 - Ambitrol for C-7, C-8, and G-1	VOC	<0.01	<0.01
T-32	Tank 32 - Lube Oil for C-7, C-8, and G-1	VOC	<0.01	<0.01
T-33	Sump 33 - Slop Oil/Water from C-7	VOC	<0.01	<0.01

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			lb/hr	TPY
T-34	Sump 34 - Slop Oil/Water from C-8	VOC	<0.01	<0.01
L-3	Loading - Condensate (T-01 - T-08)	VOC	19.53	6.33
L-4	Loading - Slop Oil and Condensate (T9 - T11)	VOC	0.46	0.10
FL-1	Flare	VOC	1.18	5.19
		NO _x	0.37	1.63
		CO	0.74	3.25
FUG	Fugitives (Withdrawal Operations)	VOC (4)	2.27	9.95

- (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) 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.
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only.

* 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

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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>
			Dated	<u>June 25, 2007</u>