

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20381, PSD-TX-1005, and N-044

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)lb/hr	<u>Emission Rates *</u>	
			TPY	
930	Tank 930	BZ	0.23	0.43
F-930	Fugitives (4)	BZ	0.014	0.063
N-17	Condensate Splitter Heater	NO _x (5)	16.89	46.22
		SO ₂ (5)	5.99	7.22
		CO (5)	2.32	10.17
		PM ₁₀ (5)	1.27	5.55
		VOC (5)	0.57	2.50
TK-800	EFR Tank	VOC (5)	4.05	6.22
TK-801	EFR Tank	VOC (5)	4.16	6.22
TK-802	EFR Tank	VOC (5)	4.16	6.22
TK-805	EFR Tank	VOC (5)	2.78	4.05
TK-807	IFR Tank	VOC (5)	1.26	3.08
TK-811	IFR Tank (Toluene)	VOC (5)	0.61	0.13
TK-812	IFR Tank (Toluene)	VOC (5)	0.51	0.13
TK-813	IFR Tank (Toluene)	VOC (5)	0.51	0.13
40CSPLTFUG	Fugitives (4)	VOC (5)	0.38	1.67
22BZNTKFUG	Fugitives (4)	BZ (5)	0.03	0.12
22BZNTKFLR	Vapor Combustion Unit	NO _x (5)	0.03	0.15
		CO (5)	0.29	1.28
		SO ₂ (5)	<0.01	<0.01
		VOC (5)	0.04	0.04

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- (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) BZ - benzene
NO_x - nitrogen oxide
SO₂ - sulfur dioxide
CO - carbon monoxide
PM₁₀ - particulate matter (PM) 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 30 Texas Administrative Code Section 101.1
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) These emissions are permitted under PSD or Nonattainment review in addition to State.
- * 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 May 18, 2001