

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 20381, PSDTX1005, and N044

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**
40CSPLTH-1	Condensate Splitter Heater	VOC (5)	0.58	2.50
		NO _x (5) (6)	16.89	46.22
		SO ₂ (6)	5.99	7.22
		CO (6)	2.32	10.17
		PM ₁₀ (6)	2.32	10.17
40CSPLTH-1	Condensate Splitter Heater (7)	NO _x	1.51	
		SO ₂	0.09	
		CO	0.04	
		PM ₁₀	0.21	
40CSPLTFUG	Fugitives (4)	VOC (5)	1.33	5.84
22TANK0800	EFR Tank	VOC (5)	3.84	(9)
22TANK0801	EFR Tank	VOC (5)	3.84	(9)
22TANK0802	EFR Tank	VOC (5)	3.84	(9)
22TANK0805	EFR Tank (10)	VOC (5)	4.26	(9)
	Annual Emission Cap (9)	VOC		25.21
22TANK0807	IFR Tank	VOC (5)	1.26	3.08
22TANK0807	IFR Tank (8)	VOC		1.96
22TANK0811	IFR Tank (Toluene)	VOC (5)	0.68	0.24
22TANK0812	IFR Tank (Toluene)	VOC (5)	0.56	0.24
22TANK0813	IFR Tank (Toluene)	VOC (5)	0.56	0.24

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			lb/hr	TPY
22BZNTKFUG	Fugitives (4)	Benzene (5)	0.05	0.22
22BZNTKFLR	Vapor Combustion Unit	VOC (5)	0.04	0.06
		NO _x (5) (6)	0.30	1.22
		CO (6)	0.29	1.28
		SO ₂ (6)	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) NO_x - nitrogen oxides
SO₂ - sulfur dioxide
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
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.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These emissions are permitted under nonattainment review in addition to state rules.
- (6) These emissions are permitted under Prevention of Significant Deterioration review in addition to state rules.
- (7) These emissions are listed here for reference only, they are still covered under Permit by Rule (PBR) Number 74442.
- (8) These emissions are listed here for reference only, they are still covered under PBR Number 51263.
- (9) Annual VOC Emission Cap for EPNs 22TANK0800, 22TANK0801, 22TANK0802, and 22TANK0805.
- (10) Tank EPN 22TANK0805 is authorized to store condensate and/or pygas.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month average.

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			lb/hr	TPY

Dated December 22, 2009