

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8886

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**
T50-4	Tank 50-4	VOC	3.11	
T80-1	Tank 80-1	VOC	4.83	
T80-2	Tank 80-2	VOC	4.83	
T80-3	Tank 80-3	VOC	4.83	
T80-4	Tank 80-4	VOC	57.49	
T35-1	Tank 35-1	VOC	4.40	
T35-2	Tank 35-2	VOC	4.40	
T35-3	Tank 35-3	VOC	4.40	
A-1	Tank A-1	VOC	0.58	
A-2	Tank A-2	VOC	0.44	
A-3	Tank A-3	VOC	0.42	
A-4	Tank A-4	VOC	0.42	
10-13	Tank 10-13	VOC	6.01	
TK 71001	Tank 71001	VOC	1.76	
TK 71002	Tank 71002	VOC	1.76	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
TK 71003	Tank 71003	VOC	0.45	
TK 71004	Tank 71004	VOC	0.53	
TR SUMP-1	Wastewater Sumps	VOC	0.56	
ATM-TANKS	Uncontrolled Tank De-gassing (8)	VOC	25.84	
Landed Roof Refill Cap	All Tanks (5)	VOC	431.57	
Annual Emission Cap	Total Annual Emissions (6) Cap for Tanks	VOC		43.80
	Annual Tank Maintenance Sub-Cap (9)	VOC		1.78
TK-DEGAS	Controlled Tank (7) Degassing	VOC	5.77	
		NO _x	0.80	0.02
		CO	1.59	0.03
TRKFUG	Truck Loading Fugitives (4)	VOC	47.57	16.77
VCU-1a & VCU-1b	Truck Loading VCU System	VOC	58.79	20.75
		NO _x	17.18	6.76
		CO	34.30	13.50
		SO ₂	0.01	0.01
TERMFUG	Terminal Piping Fugitives (4)	VOC	0.15	0.66

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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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
NO_x - nitrogen oxides
CO - carbon monoxide
SO₂ - sulphur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Hourly emissions cap covers simultaneous re-filling of tanks pursuant to Special Condition No. 16 and emissions from tank roof landings attributable to routine product changes and planned maintenance, startup, and shutdown (MSS) activities as represented in Special Condition No. 13.
- (6) Annual emissions cap for tanks covers routine emissions as well emissions from tank roof landings, controlled tank degassing, and uncontrolled tank degassing attributable to routine product changes and planned MSS activities.
- (7) Cap covers emissions from controlled tank degassing attributable to routine product changes and planned MSS activities as represented in Special Condition No. 13.
- (8) Hourly cap covers emissions from uncontrolled tank degassing attributable to routine product changes and planned MSS activities as represented in Special Condition No. 13.
- (9) Annual Tank Maintenance Sub-Cap covers tank roof landings, controlled tank degassing, and uncontrolled tank degassing attributable to planned maintenance, startup, and shutdown activities. Cap is a subcap of Annual Emission Cap for All Tanks.

* 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

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

Dated October 15, 2010