

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 72999

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**
CWT-1	Contact Water Tank (5)	VOC	87.33	2.45
CWT-2	Contact Water Tank (5)	VOC	87.33	2.45
CWT-3	Contact Water Tank (5)	VOC	87.33	2.45
DRA-1	DRA Skid and Tank	VOC	0.38	0.04
DRA-2	DRA Skid and Tank	VOC	0.38	0.04
FWP	Fire Water Pump Engine (500 hours per rolling 12-months)	CO	0.23	0.06
		NO _x	4.44	1.11
		PM ₁₀	0.06	0.01
		SO ₂	0.11	0.29
		VOC	0.09	0.03
EB-1	Tank No. EB-1 (6)	VOC	1.37	3.16
EB-2	Tank No. EB-2 (6)	VOC	1.37	3.23
EB-3	Tank No. EB-3 (6)	VOC	1.37	3.16
EB-4	Tank No. EB-4 (6)	VOC	1.42	3.94

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EB-5	Tank No. EB-5 (6)	VOC	1.42	3.94
EB-6	Tank No. EB-6 (6)	VOC	1.37	3.16
EB-7	Tank No. EB-7 (6)	VOC	1.37	3.16
EB-8	Tank No. EB-8 (6)	VOC	1.37	3.16
EB-9	Tank No. EB-9 (6)	VOC	1.19	2.46
PS	Prover Sump (12 times per year)	VOC	12.60	0.08
TO	Vapor Combustor (Pilot Fuel Only)	CO	0.03	0.12
		NO _x	0.02	0.06
		SO ₂	0.01	
		VOC	0.01	
	Tank Roof Landings Only (6)	CO	44.97	6.34
		NO _x	17.99	2.54
		PM ₁₀	0.23	0.03
		SO ₂	0.40	0.30
		VOC	44.97	6.34
FUGITIVE	Process Fugitives (4)	VOC	0.06	0.25
HS	Hydrocarbon Sump	VOC	34.50	1.41
CS	Contact Water Sump	VOC	69.00	0.17

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) CO - carbon monoxide
NO_x - nitrogen oxides
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Only one storage tank can be filled at any one time.
- (6) Maintenance, start-up, and shutdown emissions are authorized from these sources and included in the listed allowable emission rates. Short-term emissions based on hourly average for month with highest estimated emissions.

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

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

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

Dated July 9, 2008