

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6113

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 **
H-501	Crude Heater 44MMBtu/hr	NO _x	3.52	15.42
		CO	2.20	9.64
		PM ₁₀	0.33	1.44
		SO ₂	0.23	1.00
		VOC	0.24	1.04
H-503	Crude Heater 37MMBtu/hr	NO _x	2.96	12.96
		CO	1.85	8.10
		PM ₁₀	0.28	1.21
		SO ₂	0.19	0.84
		VOC	0.20	0.87
AAU	AAU Heater 18MMBtu/hr	NO _x	1.44	6.31
		CO	0.90	3.94
		PM ₁₀	0.13	0.59
		SO ₂	0.09	0.41
		VOC	0.10	0.43
L-2	Truck Loading Fugitives (4)	VOC	1.49	2.31
L2-FUG	Truck Loading Equipment Fugitives (4) (6)	VOC	0.39	1.70
FL-1	Flare (5)	NO _x	0.74	0.54
		CO	2.96	2.16
		SO ₂	0.01	0.01
		VOC	5.66	3.57
T-434	Tank 434	VOC	1.52	0.12

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
T-96	Tank 96	VOC	0.65	0.31
T-97	Tank 97	VOC	0.65	0.31
T-412	Tank 412	VOC	1.06	0.62
T-424	Tank 424	VOC	0.68	0.10
T-425	Tank 425	VOC	0.68	0.10
T-427	Tank 427	VOC	0.65	0.11
T-431	Tank 431	VOC	0.55	0.04
T-432	Tank 432	VOC	0.55	0.04
T-433	Tank 433	VOC	0.55	0.04
T-124	Tank 124	VOC	0.18	0.20
T-428	Tank 428	VOC	0.38	0.14
T-429	Tank 429	VOC	0.37	0.14
T-430	Tank 430	VOC	0.37	0.14
T-113	Tank 113	VOC	0.18	0.01
T-401	Tank 401	VOC	1.11	1.36
T-404	Tank 404	VOC	1.21	1.32
T-406	Tank 406	VOC	1.21	1.32
T-408	Tank 408	VOC	1.83	3.04
FUG-1	Process Fugitives (4)	VOC	5.41	23.70
FUG-1	Process Fugitives (4) (6)	VOC	2.94	12.88

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
FUG-2	Fugitives (4)	VOC	7.77	34.04
FUG-2	Fugitives (4) (6)	VOC	3.84	16.81
L-3	4-Oil Loading	VOC	0.05	0.07
RL-1	Railcar Loading	VOC	23.51	0.94

(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 area name or fugitive source name.

(3) NO_x - total oxides of nitrogen

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 PM greater than 10 microns in emitted.

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(5) Emissions from collected tank truck loading operations are sent to this flare from this permitted facility.

(6) Emissions are to be effective 180 days after the issuance of this amendment application and are based on a 28 VHP leak detection and repair program.

* 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

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

Dated August 4, 2008