

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56010

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**
*****EMISSION LIMITS AUTHORIZED PRIOR TO MARCH 1, 2007*****				
VA-51	Van Tank No. 51 (5)(6)	VOC	83.5	399.47
		H ₂ S 1.75	11.58	
VA-52	Van Tank No. 52 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
VA-54	Van Tank No. 54 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
VA-55	Van Tank No. 55 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
VA-56	Van Tank No. 56 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
VA-57	Van Tank No. 57 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
VA-58	Van Tank No. 58 (5)	VOC	83.5	(6)
		H ₂ S 1.75	(6)	
FUG1	Area Fugitives (4)	VOC	0.01	0.01
		H ₂ S	0.01	0.01

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AIR CONTAMINANTS

DATA

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

*****EMISSION LIMITS AUTHORIZED AFTER MARCH 1, 2007*****

VA-51	Van Tank No. 51 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-52	Van Tank No. 52 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-54	Van Tank No. 54 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-55	Van Tank No. 55 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-56	Van Tank No. 56 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-57	Van Tank No. 57 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
VA-58	Van Tank No. 58 (7)	VOC	2.08	4.05
		H ₂ S	0.12	
FUG1	Area Fugitives (4)	VOC	0.01	0.01
		H ₂ S	0.01	0.01
CONTROL	Control Device (8)	VOC	1.67	7.99
		NO _x	0.24	1.18
		CO	0.96	4.70
		SO ₂	3.31	21.81
		H ₂ S	0.04	0.23
FUG2	Control Fugitives (4)(8)	VOC	0.25	1.10
		H ₂ S	0.01	0.03

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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 - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Either one tank or any combination of tanks may be filled at a total rate not to exceed 300 barrels per hour.
- (6) Annual emission rates shown as the annual emissions for EPN VA-51 are actually the sum of annual emissions for Tanks 51 through 58. The sum of annual emissions from all seven tanks must not exceed 399.47 tpy VOC and 11.58 tpy H₂S.
- (7) These allowable emission rates are only authorized if control is achieved through an internal floating roof or equivalent.
- (8) These allowable emission rates are only authorized if emissions from the tanks are routed to an external control device.

* 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 8,760

** Emission rates are based on a continuous operating schedule. Compliance with annual emission limits is based on a rolling 12-month period.

Dated July 6, 2004