

Emission Sources - Maximum Allowable Emission Rates

Permit Number 36217

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
14	Acid Gas Scrubber - One-gallon Container Filling Room/Modular Chemical Vessel Filling (Five Filling Booths)/Acid Dip Tube Exchange Booth/1 st Floor Drum Transfer Station/3 rd Floor Drum Transfer Station	Acids	1.22	2.78
		VOC	0.15	0.33
15	Ammonia Scrubber –Ammonia Room Generator Units (Mixing and Batch Tanks) and Ammonium Hydroxide Filling Stations (Drum/Tote and One-Gallon)/ Acid Dip Tube Exchange Booth	NH ₃	0.30	0.90
		Bases	0.11	0.25
15/16	Ammonia Room Piping Component Leaks	NH ₃	0.26	1.14
17	Solvent Dip Tube Exchange Booth	VOC	1.40	0.57
		Exempt Solvent	1.84	<0.01
TANKFUG	Anhydrous Ammonia Tank Piping Component Fugitives	NH ₃	0.20	0.87
All Emission Points at the Site	All Sources at the Site	Individual HAPS	---	<10.00
		Total HAPS	---	<25.00

(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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

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

Acids - acidic compounds

Bases - basic compounds

NH₃ - anhydrous ammonia

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HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: May 10, 2017