Emission Sources - Maximum Allowable Emission Rates

Permit Number 1445A

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	
			lbs/hour	TPY (4)
14-1-51	T-200 Oleum Storage Acid Scrubber (Normal Operations)	SO_x	1.15	1.00
		H_2SO_4	0.03	0.13
	Maintenance, startup, and shutdown (MSS) Activities (5)	H_2SO_4	0.14	
12-1-3	D24A Sulfuric Acid Storage Tank (6)	H_2SO_4	0.01	0.01
12-1-4	D24B Sulfuric Acid Storage Tank (6)	H_2SO_4	0.01	0.01
12-1-5	D24C Sulfuric Acid Storage Tank (6)	H_2SO_4	0.01	0.01
12-1-6	D24D Sulfuric Acid Storage Tank (6)	H_2SO_4	0.01	0.01
OSTMSS	Oleum Storage Tanks (D58-2, D58-3, and D58-4) Farm MSS Emissions	H_2SO_4	0.065	0.01

(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) SO_x - sulfur oxides
H_2SO_4 - sulfuric acid
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Short term scrubber emissions can increase after pressure relief valve maintenance on oleum storage drums twelve (12) times per year.
(6) This emission includes the lower emission rate associated with startup, shutdown and clearing of tanks for maintenance.

Date: December 16, 2013