

Emission Sources - Maximum Allowable Emission Rates

Permit Number 151485

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)
S-2501	Scrubber	NH ₃	0.05	0.05
		F	<0.01	<0.01
T-1002	Liquid Phosphoric Acid Tank T-1001	H ₃ PO ₄	0.03	<0.01
T-2711	Liquid Ammonium Phosphate Product Tank T-2711	(NH ₃) ₂ HPO ₄	<0.01	-
T-2721	Liquid Ammonium Phosphate Product Tank T-2721	(NH ₃) ₂ HPO ₄	<0.01	-
T-2731	Liquid Ammonium Phosphate Product Tank T-2731	(NH ₃) ₂ HPO ₄	<0.01	-
T-2741	Liquid Ammonium Phosphate Product Tank T-2741	(NH ₃) ₂ HPO ₄	<0.01	-
Emission Cap for T-2711, T-2721, T-2731, and T-2741		(NH ₃) ₂ HPO ₄	-	<0.01
PA-1	Product Loading/Packaging Line	(NH ₃) ₂ HPO ₄	<0.01	-
TL-1	Product Loading Tank Truck	(NH ₃) ₂ HPO ₄	<0.01	-
Emission Cap for PA-1 and TL-1		(NH ₃) ₂ HPO ₄	-	<0.01
FUG-2100	Piping Fugitives (Inside Building) (5)	NH ₃	0.02	0.10
FUG-V1001	Piping Fugitives (Outside Building) (5)	NH ₃	<0.01	0.02
FUG-UNLD	Depressure Transfer Hose Connections	NH ₃	<0.01	<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) NH₃ - ammonia
 F - fluoride compounds (hydrofluoric acid and silicon tetrafluoride)
 H₃PO₄ - phosphoric acid
 (NH₃)₂HPO₄ - ammonium phosphate

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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

Date: March 29, 2019