Emission Sources - Maximum Allowable Emission Rates

Permit Number T-9696

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)
V-14	NH_3 Filling Operations	NH_3	<0.01	<0.01
F-2.0	NH_3 Fugitives	NH_3	0.04	0.19
V-14.1	Cl_2 Filling Operations	Cl_2	0.01	0.02
F-2.0	Cl_2 Fugitives	Cl_2	0.01	0.05
V-5	Storage Tank T-304	Cl_2	<0.01	<0.01
V-6	Storage Tank T-306	Cl_2	<0.01	<0.01
V-8	Storage Tank T-308 Reactor	Cl_2	<0.01	<0.01
V-9	Storage Tank T-309 Reactor	Cl_2	<0.01	<0.01
V-13.1	Cl_2 Repackaging.	Cl_2	<0.01	<0.01
F-1.3	Cl_2 Fugitives	Cl_2	0.02	0.08
V-11	Wastewater Tank No. T 305	Cl_2	<0.01	<0.01
F-1.4	Wastewater Fugitives	Cl_2	0.01	0.02
V-2	Storage Tank T-303	PG	<0.01	<0.01
F-1.0	PG Fugitives	PG	0.01	0.02
V-3	Storage Tank T-300	NaOH	0.05	0.21
V-13	NaOH Repackaging	NaOH	<0.01	0.02
F-1.2	NaOH Fugitives	NaOH	0.01	0.06
V-16	Storage Tank T-307	NaOH	0.05	0.22
V-17	Storage Tank T-102	NaOH	0.04	0.17
V-18	Storage Tank T-103	NaOH	0.04	0.17
V-15	Surface Coatings Operations	VOC	0.11	0.46

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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) Cl_2 - chlorine
NaOH - sodium hydroxide
NH_3 - anhydrous ammonia
PG - propylene glycol ($CH_3CHOHCH_2OH$)
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 16, 2015