Emission Sources - Maximum Allowable Emission Rates

Permit Number 3302

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 (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
A19SV113	Chlorine Scrubber D-113	Cl_2	<0.01	<0.01
A19FU2	Process Area Fugitives (5)	Cl_2	0.71	3.12
		Refrigerant HCFC-123	0.95	4.14
		VOC	0.04	0.14
		Cl_3N	<0.01	<0.01
		ClBr	<0.01	<0.01
A19CT100	Cooling Tower CT-100	PM	0.03	0.12
		PM_{10}	0.01	0.05
		$PM_{2.5}$	<0.01	<0.01
Planned Maintenance, Startup and Shutdown Emissions				
A19FU2MSS	Process Area Fugitives (5)	Cl_2	0.06	0.02
A19SV113MSS	Chlorine Scrubber D-113	Cl_2	<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) Cl_2 - chlorine
HCFC - hydrochlorofluorocarbon
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
Cl_3N - nitrogen trichloride
ClBr - bromine monochloride
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
(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: March 28, 2017