

Emission Sources - Maximum Emission Rates

Permit Number 96845

This table lists the maximum 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 revision 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)
6	Boiler Stack	NaClO	19.30	2.89
		HBr	89.91	13.47
		HCl	43.69	6.55
		HI	131.96	19.79
		H2O2	40.19	6.03
		Ascorbic Acid	0.73	0.11
TMPSILO	Temporary Trona Silo	PM10	0.12	0.02
		PM2.5	0.03	<0.01
TMPTNK1	Temporary Inorganic Acid Storage Tanks	NaClO	0.37	<0.01
		HBr	0.13	<0.01
		HCl	0.72	<0.01
		HI	0.90	0.01
TMPTNK2	Temporary Inorganic Acid Storage Tanks	NaClO	0.37	<0.01
		HBr	0.13	<0.01
		HCl	0.72	<0.01
		HI	0.90	0.01
TMPTNK3	Temporary Oxidizing Agent Storage Tank 1	H2O2	0.01	<0.01
TMPTNK4	Temporary Oxidizing Agent Storage Tank 1	H2O2	0.01	<0.01

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TMPTNK5	Temporary Storage of Ascorbic Acid	Ascorbic Acid	<0.01	<0.01
TMPTNK6	Inorganic Acid Storage Tank (Oxidant System)	NaClO	0.22	<0.01
		HBr	0.22	<0.01
		HCl	0.22	<0.01
		HI	0.22	<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) HBr - hydrogen bromide
HCl - hydrogen chloride
H₂O₂ - hydrogen peroxide
NaClO - sodium Chloride
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
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. Emission values should be used for federal applicability.

Effective
Date:

July 25, 2011