

Emission Sources - Maximum Allowable Emission Rates

Permit Number 107251

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)
SCRUB	Scrubber	VOC (6)	0.30	0.65
LOAD1	Truck Loading	VOC	0.06	--
LOAD2	Rail Loading	VOC	0.06	--
LOAD1 and LOAD2	Truck and Rail Loading	VOC	--	0.07
FUG	Fugitives (5)	VOC	0.04	0.14
CTN-CTS	Cooling Tower North and South Cells	PM	0.11	0.48
		PM ₁₀	0.02	0.07
		PM _{2.5}	<0.01	<0.01
T12000	Lauryl Alcohol Tank	VOC	0.04	0.02
T12010	Nonyl Phenol Tank	VOC	0.01	0.01
T13000	CA-210 Tank	VOC	0.01	0.01
T13010	Tridecyl Alcohol Tank	VOC	0.02	0.01
T14010	TSP (Tristyreneated Phenol) Tank	VOC	0.14	0.03
T15010	Neodol 25 Tank	VOC	0.05	0.01
T16000	Day Tank	VOC	0.45	0.05
T16010	Day Tank	VOC	0.45	0.06
T60000	Water Cut Tank	VOC	0.02	0.01
T80020	Waste Water Tank	VOC	0.01	0.01
28-2003-0001	Waste Water Surge Tank	VOC	0.01	0.01

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T18000	Filtration Feed Tank	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
BSUMP	Biosan Sump	VOC	0.01	0.01
FUG-MSS	Sitewide MSS Emissions	VOC	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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- 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.
- (6) Scrubber emissions include routine operations and planned maintenance, startup and shutdown (MSS).

Date: March 31, 2014