

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3182

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)
V2502	Premix Preparation and Storage	VOC	0.04	0.04
V2625	Premix Transfer	VOC	0.10	0.11
T2617	Acid Tank	H ₂ SO ₄	0.17	0.01
V2601/2	Reaction System	VOC	0.12	0.07
		H ₂ SO ₄	0.17	0.01
AM2620R1/AM2621	Wet Scrubber(s)	PM	2.43	1.71
		PM ₁₀	2.43	1.71
		PM _{2.5}	2.43	1.71
T2622	Lube Oil Tank	VOC	0.01	0.01
T2623	Lube Oil Tank	VOC	0.01	0.01
T2601/2/3/4	Molten Resin Hopper	VOC	0.01	0.01
CWT14	Cooling Water Tower	VOC (5)	1.72	7.54
		PM	10.28	45.01
		PM ₁₀	10.28	45.01
		PM _{2.5}	10.28	45.01
ERU6FEPM	Material Handling Fugitives	PM	0.20	0.02
		PM ₁₀	0.20	0.02
		PM _{2.5}	0.20	0.02
ERU6FE	Fugitives (5)	VOC	0.09	0.41

(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

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H₂SO₄ - Sulfuric Acid

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.

Date: July 22, 2016