

Emission Sources - Maximum Allowable Emission Rates

Permit Number 106753

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)
LOADFUG	Truck Loading	Acetone	1.07	0.02
		Methyl Acetate	1.25	0.02
		Methylene Chloride	2.83	0.05
		Hydrochloric Acid	0.29	0.01
		Sulfuric Acid	0.10	0.01
		VOC	1.09	0.01
PACKFUG	Packaging	Acetone	10.78	0.01
		Methylene Chloride	5.85	0.01
		VOC	11.94	1.09
		Hydrochloric Acid	6.34	0.01
FUG	Plant-Wide Fugitives (5)	VOC	0.87	3.81
CHARTEST	Charcoal Burn Test	VOC	0.07	0.01
LABVENTS	Lab Vents	VOC	0.05	0.04
RTO	Regenerative Thermal Oxidizer	VOC	6.05	0.49
		NOx	0.49	2.15
		SO2	0.01	0.01
		CO	0.41	1.80
		PM	0.04	0.16
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.04	0.16
		Acetone	5.68	0.03
		Methyl Acetate	0.95	0.02
	Maintenance, Start-up, and Shut-Down	VOC	0.64	0.01
SCRUB1	Methylene Chloride Scrubber	Methylene Chloride	6.35	0.07

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SCRUB2	Caustic Scrubber	Hydrochloric Acid	1.43	0.01
		Sulfuric Acid	0.07	0.01
MSS	Maintenance, Start-up, and Shut-Down	VOC	1.60	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
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- 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
- CO - carbon monoxide
- (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