

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 118403 and PSDTX1400

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)
302M331, 302M460, 302M3069, 302M3077	PrOH-II Process Vents (6)	VOC	0.11	0.33
301M5264	PrOH-II Cooling Tower	VOC	3.00	2.63
		PM	0.23	0.99
		PM ₁₀	0.11	0.49
		PM _{2.5}	< 0.01	< 0.01
520F	PrOH-II Unit Fugitives (5)	CO	0.03	0.11
		VOC	0.45	1.99
520A	PrOH-II Analyzer Vents	CO	0.06	0.28
		VOC	0.13	0.59
520C	PrOH-II Catalyst Recycling	VOC	0.71	0.11
AREA7	Treatment of Wastewater Generated at PrOH-II	VOC	0.30	1.33
520V5273	V-5273 Storage Tank	VOC	1.34	0.44
520V5274	V-5274 Storage Tank	VOC	0.55	0.51

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- (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
- 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.
- (6) Limit applies to total VOC emissions from all ProH-II process vents.

Date: January 22, 2016