

Emission Sources - Maximum Allowable Emission Rates

Permit Number 25743

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 (5)	
			lbs/hour	TPY (4)
SI-1 and SI-2	RTO-1, RTO-2, Press-1, Press-2, Press-3, Ink Mixing Room, Parts Washer 1, Parts Washer 2, Manual Parts Washing, Burner-01, Burner-02, Still-01, Still-02, Still-03, Corona Treaters-1, 2, 3, 4, 5, 6, 7, and 8 (7)	VOC	70.76 (8)	94.13 (8)
		VOC (6)	0.23 (8)	0.81 (8)
		NO _x (6)	7.08 (8)	15.09 (8)
		CO (6)	5.49 (8)	15.57 (8)
		SO ₂ (6)	0.52 (8)	0.44 (8)
		PM (6)	1.61 (8)	3.23 (8)
		PM ₁₀ (6)	1.61 (8)	3.23 (8)
		PM _{2.5} (6)	0.48 (8)	0.94 (8)
SI-2	RTO-2	NO _x (6) (9)	1.62	0.02
OILHT-01	Thermal Oil Heater	VOC (6)	0.04	0.15
		NO _x (6)	0.79	2.75
		CO (6)	0.66	2.31
		SO ₂ (6)	0.02	0.08
		PM (6)	0.06	0.21
		PM ₁₀ (6)	0.06	0.21
		PM _{2.5} (6)	0.06	0.21
TNK-01	Propyl Acetate Storage Tank	VOC	7.00	0.07
TNK-02	Ethyl Acetate Storage Tank	VOC	34.43	0.31
TNK-03	N-propyl Alcohol Storage Tank 1	VOC	3.07	0.04
TNK-04	N-propyl Alcohol Storage Tank 2	VOC	3.07	0.04

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EXT-FUG	Bulk Solvent Storage Tank Piping – Outdoor Fugitives Emissions	VOC	0.07	0.33
All Emission Points at the Site	All Sources at the Site	Individual HAP (10)	---	<10.00
		Total HAPs (10)	---	<25.00

- (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}
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The allowable emission rates include planned maintenance, startup, and shutdown activities with the exception of the cold startup of RTO-2 as noted in footnote number 9 below.
- (6) Product of Combustion
- (7) Corona treater ozone emissions 100 percent destroyed by thermal oxidation.
- (8) Emission rates represent an emission rate cap for both RTO's combined.
- (9) NO_x emissions from the intermittent cold startup events of RTO-2 are authorized for up to 10 cold startup events per year.
- (10) These HAP limits are being included so that a Title V permit is not required, but due to EPA's once-in, always-in policy the requirements of 40 CFR Part 63, Subpart KK (Printing and Publishing Industry) remain applicable because the May 30, 1999, final compliance date passed without inclusion of an enforceable HAP limit in the permit.

Date: November 13, 2015