

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5348A

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)
RTO-1	Regenerative Thermal Oxidizer, 7 Paint Stations, Drying Oven 1, Paint Mix Room, Open Conveyors	VOC	8.22	4.47
		Exempt Solvent	2.25	4.75
		PM	0.08	<0.01
		PM ₁₀	0.03	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC (POC)	0.06	0.24
		NO _x (POC)	0.99	4.35
		CO (POC)	0.83	3.65
		SO ₂ (POC)	<0.01	0.03
		PM (POC)	0.08	0.33
		PM ₁₀ (POC)	0.08	0.33
		PM _{2.5} (POC)	0.08	0.33
STN7-8/OVN-2	Paint Stations 7 and 8, Oven 2, and Solvent Wipe Off	VOC	16.20	8.17
		Exempt Solvent	17.36	1.40
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC (POC)	0.01	0.06
		NO _x (POC)	0.25	1.07
		CO (POC)	0.21	0.90
		SO ₂ (POC)	<0.01	<0.01
		PM (POC)	0.02	0.08
		PM ₁₀ (POC)	0.02	0.08
		PM _{2.5} (POC)	0.02	0.08
FAN 1, FAN 2, FAN 3, FAN 4, and FAN 5	Combined Emissions from 5 Ceiling Fans Venting Uncaptured Emissions from the Paint Mix Room, Solvent Wipe, and Paint Line Open Conveyors	VOC	5.94	1.41
		Exempt Solvent	3.49	1.15
TNKHTR1, TNKHTR3, TNKHTR4, TNKHTR5, and TNKHTR6	Combined Emissions from 3 - 0.875 MMBtu/hr Pre-Treatment Tank Heaters, and 2 - 0.30 MMBtu/hr Pre-Treatment Tank Heaters	VOC (POC)	0.02	0.08
		NO _x (POC)	0.32	1.38
		CO (POC)	0.27	1.16

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			lbs/hour	TPY (4)
TNKHTR1, TNKHTR3, TNKHTR4, TNKHTR5, and TNKHTR6	Combined Emissions from 3 - 0.875 MMBtu/hr Pre-Treatment Tank Heaters, and 2 – 0.30 MMBtu/hr Pre-Treatment Tank Heaters	SO ₂ (POC)	<0.01	<0.01
		PM (POC)	0.02	0.11
		PM ₁₀ (POC)	0.02	0.11
		PM _{2.5} (POC)	0.02	0.11
All emission Points at the Site	All Sources at the Site	Individual HAP's	---	<10.00
		Total HAP's	---	<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}, 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
 POC - Products of Combustion
 (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.

Date: April 27, 2020