

Emission Sources - Maximum Allowable Emission Rates

Permit Number 80437

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 (7)	
			lbs/hour	TPY (4)
RTO VENT 1	Fiberglass Tank Fabrication Operations Routed Through RTO (Including Resin/Gelcoat Application, Cleanup, Catalyst, Pigment, Trimming/Grinding, Manual Application, and an Air Make-up Unit)	VOC	3.30	4.14
		ES	0.17	0.27
		PM	0.51	0.53
		PM ₁₀	0.51	0.53
		PM _{2.5}	0.51	0.53
		VOC _(comb) (6)	0.06	0.27
		PM _(comb) (6)	0.08	0.34
		PM _{10(comb)} (6)	0.08	0.34
		PM _{2.5(comb)} (6)	0.08	0.34
		NO _{x (comb)} (6)	1.14	4.99
		SO _{2 (comb)} (6)	0.03	0.08
		CO _(comb) (6)	0.33	1.48
STK-1	Fiberglass Tank Fabrication Operations During RTO Maintenance (Including Resin/Gelcoat Application, Cleanup, Catalyst, Pigment, Trimming/Grinding, Manual Application, and an Air Make-up Unit) (5)	VOC	164.93	8.25
		ES	8.49	0.42
		PM	0.51	0.03
		PM ₁₀	0.51	0.03
		PM _{2.5}	0.51	0.03
		VOC _(comb) (6)	0.01	<0.01

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		PM _(comb) (6)	0.01	<0.01
		PM _{10(comb)} (6)	0.01	<0.01
		PM _{2.5(comb)} (6)	0.01	<0.01
		NO _{x (comb)} (6)	0.40	0.02
		SO _{2 (comb)} (6)	0.01	<0.01
		CO _(comb) (6)	0.05	<0.01
RESBLD	Four Resin Storage Tanks	VOC	0.39	0.12
BFUG	Piping Component Fugitive Emissions	VOC	0.13	0.56
BLAST	Abrasive Blasting Operation	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
STK-2	Steel Tank Paint Building (Including Air Make-up Unit)	VOC	80.96	53.72
		ES	6.64	4.14
		PM	0.07	0.15
		PM ₁₀	0.07	0.15
		PM _{2.5}	0.07	0.15
		VOC _(comb) (6)	0.04	0.18
		PM _(comb) (6)	0.03	0.13
		PM _{10(comb)} (6)	0.03	0.13
		PM _{2.5(comb)} (6)	0.03	0.13
		NO _{x (comb)} (6)	0.53	2.30
		SO _{2 (comb)} (6)	0.06	0.27
		CO _(comb) (6)	0.30	1.33

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
ES - exempt solvent, those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
comb - products of combustion
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Limited to 100 hours per 12-month rolling period.
- (6) Emissions based on a maximum operating schedule of 8,760 hours.
- (7) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: March 27, 2013