

Emission Sources - Maximum Allowable Emission Rates

Permit Number 49749

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 (FIN) (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
BLAST1	Outdoor Abrasive Blasting (BLAST 1)	PM	4.58	6.86
		PM ₁₀	0.54	0.82
		PM _{2.5}	0.08	0.12
PB-1	Paint Booth 1 (PB-1)	VOC	6.00	(5)
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
PB-2	Paint Booth 2 (PB-2)	VOC	6.00	(5)
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
PB-3	Paint Booth 3 (PB-3)	VOC	6.00	(5)
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
PB-4	Paint Booth 4 (PB-4)	VOC	6.00	(5)
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
FUG-1	RESIN COAT FUG [1 dipping tank system (1 dip tank) and 4 VPI systems (4 vacuum impregnation tanks and 4 associated storage tanks)] (7), (8)	VOC	6.00	(5)

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FUG-2	FUG-2 [6 Degreasers, 6 Curing Ovens, Fugitives from hand painting, adhesives, and cleaning] (8)	VOC	10.88	(5)
		VOC (6)	0.02	(5)
		NO _x (6)	0.39	1.54
		CO (6)	0.33	1.29
		SO ₂ (6)	0.01	0.01
		PM ₁₀ (6)	0.03	0.12
		PM _{2.5} (6)	0.03	0.12
PB-1, PB-2, PB-3, PB-4, FUG-1 and FUG-2	All Sources Except Blasting (8)	VOC	--	21.23
		Single HAP	--	<9.95
		Combined HAPs	--	<24.95

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name and/or facility identification number (FIN). 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
CO - carbon monoxide
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
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) See limit for All Sources Except Blasting.
- (6) Products of combustion.
- (7) Vacuum Pressure Impregnation system consists of a vacuum impregnation tank and a storage tank.
- (8) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: May 3, 2013