

Emission Sources - Maximum Allowable Emission Rates

Permit Number 47227

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)
TSAOPFUG	Thermal Spray	PM	3.30	14.50
		PM ₁₀	2.64	11.60
		PM _{2.5}	2.64	11.60
BLSTRCV	Bulk Blast Media Receipt Vented to a Dust Collector	PM	0.06	0.01
		PM ₁₀	0.06	0.01
		PM _{2.5}	0.06	0.01
BLSTPOT	Blast Pot Filling Vented to a Dust Collector	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
BLSTCLNFUG	Blast Media Cleanup	PM	0.09	0.03
		PM ₁₀	0.04	0.01
		PM _{2.5}	<0.01	<0.01

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BLSTOPFUG	Zone 1 Outdoor Abrasive Blasting	PM	14.30	
		PM ₁₀	1.70	
		PM _{2.5}	0.26	
	Zone 2 Outdoor Abrasive Blasting	PM	8.58	
		PM ₁₀	1.02	
		PM _{2.5}	0.15	
	Zone 3 Outdoor Abrasive Blasting	PM	2.86	
		PM ₁₀	0.34	
		PM _{2.5}	0.05	
	Zone 4 Outdoor Abrasive Blasting	PM	2.86	
		PM ₁₀	0.34	
		PM _{2.5}	0.05	
	Zones 1, 2, 3, and 4 Outdoor Abrasive Blasting	PM		42.90
		PM ₁₀		5.10
		PM _{2.5}		0.77

COATOPFUG	Zone 1 Outdoor Surface Coating	VOC	161.00	
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		Exempt Solvent	66.00	
		PM	3.08	
		PM ₁₀	2.62	
		PM _{2.5}	0.46	
	Zone 2 Outdoor Surface Coating	VOC	96.60	
		Exempt Solvent	39.60	
		PM	1.85	
		PM ₁₀	1.57	
		PM _{2.5}	0.28	
	Zone 3 Outdoor Surface Coating	VOC	32.20	
		Exempt Solvent	13.20	
		PM	0.62	
		PM ₁₀	0.52	
		PM _{2.5}	0.09	
	Zone 4 Outdoor Surface Coating	VOC	32.20	
		Exempt Solvent	13.20	
		PM	0.62	
		PM ₁₀	0.52	
		PM _{2.5}	0.09	
COATOPFUG	Zones 1, 2, 3, and 4 Outdoor Surface Coating	VOC		200.00
		Exempt Solvent		578.20
		PM		26.94
		PM ₁₀		22.90
		PM _{2.5}		4.04

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

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- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - 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}
 - 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
- (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: July 29, 2013