

Emission Sources - Maximum Allowable Emission Rates

Permit Number 86174

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)
DD-1p	Dry Dock 1 Painting	VOC	173.12	
		Exempt Solvent	33.92	
		PM	3.06	
		PM ₁₀	0.20	
DD-2p	Dry Docking 2 Painting	VOC	173.12	
		Exempt Solvent	33.92	
		PM	3.06	
		PM ₁₀	0.20	
LA-1p	Land Area 1 Painting	VOC	86.56	
		Exempt Solvent	16.96	
		PM	1.53	
		PM ₁₀	0.10	
LA-2p	Land Area 2 Painting	VOC	86.56	
		Exempt Solvent	16.96	
		PM	1.53	
		PM ₁₀	0.10	
LA-3p	Land Area 3 Painting	VOC	86.56	
		Exempt Solvent	16.96	
		PM	1.53	
		PM ₁₀	0.10	
LA-4p	Land Area 4 Painting	VOC	86.56	
		Exempt Solvent	16.96	
		PM	1.53	
		PM ₁₀	0.10	

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DD-1p, DD-2p, LA-1p, LA-2p, LA-3p, and LA-4p	Dry Dock Painting and Land Area Painting	VOC	346.24	24.00
		Exempt Solvent	67.84	8.00
		PM	6.12	0.29
		PM ₁₀	0.40	0.02
DD-1b	Dry Dock 1 Blasting	PM	11.44	
		PM ₁₀	1.36	
DD-2b	Dry Dock 2 Blasting	PM	11.44	
		PM ₁₀	1.36	
LA-1b	Land Area 1 Blasting	PM	11.44	
		PM ₁₀	1.36	
LA-2b	Land Area 2 Blasting	PM	11.44	
		PM ₁₀	1.36	
LA-3b	Land Area 3 Blasting	PM	11.44	
		PM ₁₀	1.36	
LA-4b	Land Area 4 Blasting	PM	11.44	
		PM ₁₀	1.36	
DD-1b, DD-2b, LA-1b, LA-2b, LA-3b, LA-4b	Dry Dock Blasting and Land Area Blasting	PM		4.30
		PM ₁₀		0.52
HV-7	Abrasive Media Hopper Vent	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
SITEWIDE	Various	Individual HAP		<10.00 (6)
		Total HAPS		<25.00 (6)

- (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) 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}, 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
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- (6) This HAP limit is 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 II (Shipbuilding and Ship Repair) remain applicable because the final compliance date passed without a federally enforceable HAP limit.

Date: June 21, 2019