

Emission Sources - Maximum Allowable Emission Rates

Permit Number 44051

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	
			lbs/hour	TPY (4)
DD-1	Drydock Painting (5)	PM	1.02	0.22
		PM ₁₀	0.09	0.02
		PM _{2.5}	0.01	<0.01
		VOC	58.31	12.68
		Exempt Solvent	24.27	5.28
DD-1	Drydock Abrasive Blasting (5)	PM	11.84	13.59
		PM ₁₀	1.41	1.62
		PM _{2.5}	0.21	0.24
DS-1	Dockside Painting (5)	PM	1.02	0.22
		PM ₁₀	0.09	0.02
		PM _{2.5}	0.01	<0.01
		VOC	58.31	12.68
		Exempt Solvent	24.27	5.28
DS-1	Dockside Abrasive Blasting (5)	PM	18.02	20.74
		PM ₁₀	2.14	2.47
		PM _{2.5}	0.32	0.37

Emission Sources - Maximum Allowable Emission Rates

LS-1	Landside Painting (5)	PM	0.81	0.09
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.01	<0.01
		VOC	23.32	2.54
		Exempt Solvent	9.71	1.06
LS-1	Landside Abrasive Blasting (5)	PM	4.00	5.72
		PM ₁₀	0.48	0.68
		PM _{2.5}	0.07	0.10
HOPPER-1	Hopper Loading (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
BLAST POT	Blast Pot Loading (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SURFCLEN	Surface Cleaning (5)	PM	0.04	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC	8.26	0.41
SGUNCLEN	Gun Cleaning (5)	VOC	4.09	1.17
Site-Wide	All Sources (5)	Individual HAPs		<10.00
		Total HAPs		<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) 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

Emission Sources - Maximum Allowable Emission Rates

- | | |
|-------------------|---|
| PM ₁₀ | - 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) Emission rates include planned startup, shutdown, and maintenance.

Date: May 23, 2014