

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 49115

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)
NRail	North Rail	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
DD1	Dry Dock 1	VOC (6)	89.29	---
		Exempt Solvent (6)	42.21	---
		PM (6)	1.38	---
		PM <sub>10</sub> (6)	0.13	---
		PM <sub>2.5</sub> (6)	0.01	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---

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DD2	Dry Dock 2	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
DD3	Dry Dock 3	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
DD4	Dry Dock 4	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---

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		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
DD5	Dry Dock 5	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
DD9	Dry Dock 9	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---

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CA	Construction Area	VOC (6)	159.39	---
		Exempt Solvent (6)	84.41	---
		PM (6)	2.76	---
		PM <sub>10</sub> (6)	0.25	---
		PM <sub>2.5</sub> (6)	0.02	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
		PM (8)	11.44	---
		PM <sub>10</sub> (8)	1.36	---
		PM <sub>2.5</sub> (8)	0.21	---
BP1	Barge Pier 1	VOC (6)	50.49	---
		Exempt Solvent (6)	21.11	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
BP2	Barge Pier 2	VOC (6)	50.49	---
		Exempt Solvent (6)	21.11	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
BP3	Barge Pier 3	VOC (6)	50.49	---
		Exempt Solvent (6)	21.11	---
		VOC (7)	6.67	---
		Exempt Solvent (7)	10.28	---
DCKM	Dock M	VOC (6)	50.49	---
		Exempt Solvent (6)	21.11	---
		VOC (7)	6.67	---

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		Exempt Solvent (7)	10.28	---
Sitewide Abrasive Blasting and coating Operations (7)(8)(9)		VOC	356.75	90.70
		Exempt Solvent	200.20	10.79
		PM	34.11	26.30
		PM <sub>10</sub>	3.90	3.11
		PM <sub>2.5</sub>	0.55	0.47
HOP_LOAD	Blast Material Hopper 1 and Blast Pot Filling	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
HOP_LOAD	Blast Material Hopper 2 and Blast Pot Filling	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
HOP_LOAD	Blast Material Hopper 3 and Blast Pot Filling	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
HOP_LOAD	Blast Material Hopper 4 and Blast Pot Filling	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
HOP_LOAD	Blast Material Hopper 7 and Blast Pot Filling	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
All EPNs at Site		Individual HAP	---	<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.

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- (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.
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|-------------------|---|
| VOC               | - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1   |
| PM                | - total particulate matter, suspended in the atmosphere, including PM <sub>10</sub> and PM <sub>2.5</sub> , as represented              |
| PM <sub>10</sub>  | - total particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub> , as represented                   |
| PM <sub>2.5</sub> | - 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 for all sources covered by this permit include planned maintenance, startup and shutdown activities.
- (6) Coating operations only.
- (7) Coating application equipment cleanup only.
- (8) Dry abrasive blasting only.

Date: April 20, 2015