

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 28335

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 (4)	
			lbs/hour	TPY (5)
Stack - A and Stack - B	Paint Shop Dust Collector and Heaters (6)	VOC	78.75	47.88
		PM	1.09	0.99
		PM <sub>10</sub>	1.09	0.99
		PM <sub>2.5</sub>	1.09	0.99
		VOC (7)	0.02	0.03
		NO <sub>x</sub> (7)	0.42	0.61
		CO (7)	0.35	0.51
		SO <sub>2</sub> (7)	0.01	0.01
		PM (7)	0.03	0.05
		PM <sub>10</sub> (7)	0.03	0.05
		PM <sub>2.5</sub> (7)	0.03	0.05
DPT	Dye Penetration Testing (8)	Non-VOC	0.85	0.41
STEN	Stenciling (8)	VOC	0.50	0.20
INS	Railcar Insulation (8)	Non-VOC	11.00	0.61
INTS	Internal Shell Painting (8)	PM	3.84	0.20
		PM <sub>10</sub>	3.84	0.20
		PM <sub>2.5</sub>	3.84	0.20
ASP	Anti-Skid Painting (8)	VOC	6.22	1.51
FUG-1	Paint Drying (8)	VOC	8.75	5.33
SF	Safety Flare	VOC (7)	20.00	1.50
		NO <sub>x</sub> (7)	33.10	4.5
		CO (7)	1.60	1.46

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		SO <sub>2</sub> (7)	0.01	0.01
SF	Safety Flare	PM (7)	0.16	0.10
		PM <sub>10</sub> (7)	0.16	0.10
		PM <sub>2.5</sub> (7)	0.16	0.10
		NH <sub>3</sub>	2.35	0.03
		Non-VOC	50.00	2.50
SCRUB	Ammonia Scrubber	NH <sub>3</sub>	<0.01	0.03
All Emission Points at the Site	All Sources at the 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.
- (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
  - HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10
  - IOC-U - inorganic compounds (unspeciated)
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - 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) Allowable emissions for all sources include emissions from maintenance, startup and shutdown.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Total combined emissions from Stacks-A and B.
- (7) Products of combustion.
- (8) Outdoor fugitive emissions.

Date: March 4, 2016