

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 9345A

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)
E-101	Flare	VOC	84.14	12.62
		NO <sub>x</sub>	13.33	2.00
		CO	25.08	3.76
		SO <sub>2</sub>	0.01	< 0.01
E-103	Boiler	VOC	0.07	0.30
		NO <sub>x</sub>	1.23	5.37
		CO	1.03	4.51
		PM	0.09	0.41
		PM <sub>10</sub>	0.09	0.41
		PM <sub>2.5</sub>	0.09	0.41
		SO <sub>2</sub>	0.01	0.03
E-106A, B, C, and D	Paint Booth Exhausts and Two Air Heaters	VOC	209.20	88.27
		Exempt Solvent	215.69	29.41
		NO <sub>x</sub>	0.93	0.70
		CO	0.78	0.59
		PM	0.08	0.06
		PM <sub>10</sub>	0.08	0.06
		PM <sub>2.5</sub>	0.08	0.06
		SO <sub>2</sub>	0.01	0.01
E-106E and F	Mixing Room Vents	VOC	20.31	9.61
		Exempt Solvent	20.31	9.61

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E-107	Abrasive Blasting with Prep Room Dryer Vented to a Baghouse	VOC	0.01	0.01
		NO <sub>x</sub>	0.18	0.13
		CO	0.15	0.11
		PM	0.02	0.02
		PM <sub>10</sub>	0.02	0.02
		PM <sub>2.5</sub>	0.02	0.02
		SO <sub>2</sub>	< 0.01	< 0.01
F-101	Cleaning Rack Fugitives	VOC	5.18	2.59
F-102	Wastewater Pond Fugitives	VOC	< 0.01	< 0.01
F-103A and B	Paint Building Fugitives With Two Floor Heaters Two Ceiling Heaters and General Touch-Up Fugitives	VOC	21.36	8.24
		Exempt Solvent	16.96	2.34
		NO <sub>x</sub>	0.49	0.37
		CO	0.41	0.31
		PM	0.04	0.03
		PM <sub>10</sub>	0.04	0.03
		PM <sub>2.5</sub>	0.04	0.03
		SO <sub>2</sub>	0.01	0.01

- (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
  - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Date: April 1, 2013