

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 92381

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)
STACK-2	Vessel Paint and Coating Building and Makeup Air Heater	VOC	94.98	10.59
		Exempt Solvent	55.92	2.53
		PM	0.02	<0.01
		PM <sub>10</sub>	0.02	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		VOC (6)	0.02	0.10
		PM (6)	0.03	0.14
		PM <sub>10</sub> (6)	0.03	0.14
		PM <sub>2.5</sub> (6)	0.03	0.14
		NO <sub>x</sub> (6)	0.21	0.90
		CO (6)	0.35	1.51
		SO <sub>2</sub> (6)	0.03	0.11
STACK-3 through STACK-6	Tank Coating Buildings and Tank Paint Buildings and Makeup Air Heaters	VOC	137.14	49.58
		Exempt Solvent	76.25	9.86
		PM	0.02	0.01
		PM <sub>10</sub>	0.02	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		VOC (6)	0.08	0.40
		PM (6)	0.12	0.56
		PM <sub>10</sub> (6)	0.12	0.56
		PM <sub>2.5</sub> (6)	0.12	0.56
		NO <sub>x</sub> (6)	0.72	3.08
		CO (6)	1.20	5.20
		SO <sub>2</sub> (6)	0.08	0.40

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STACK-7	Miscellaneous Paint Building 2	VOC	68.88	4.27
		Exempt Solvent	42.36	2.33
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
BLAST-1	Vessel Blasting	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
BLAST-2	Tank Blasting 1	PM	0.02	0.07
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	<0.01	0.01
BLAST-3	Tank Blasting 2	PM	0.02	0.07
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</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.
- (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.
- (5) The allowable emission rates include planned maintenance, startup, and shutdown activities.
- (6) Products of combustion.

Date: November 13, 2014