

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 113407

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 (6)	
			lbs/hour	TPY (4)
FUG	Fugitive Emissions from Main Building	VOC	0.59	2.58
		Exempt Solvent	0.12	0.54
		VOC (5)	1.83	<0.01
		Exempt Solvent (5)	2.00	<0.01
SMEXH	Solvent-Based Mixers and SB Filling Stations (2, 3, and 6)	VOC	22.74	1.83
		Exempt Solvent	1.33	0.25
		PM	0.04	<0.01
		PM <sub>10</sub>	0.04	<0.01
		PM <sub>2.5</sub>	0.04	<0.01
		VOC (5)	3.65	0.01
		Exempt Solvent (5)	4.00	0.15
WMEXH	Water-Based Mixers	VOC	0.22	0.02
		PM	0.02	0.05
		PM <sub>10</sub>	0.02	0.05
		PM <sub>2.5</sub>	0.02	0.05
PT-1 through PT-7	Portable Tank Storage (n-hexane IBC, Iso-hexane IBC, Toluene IBC, Acetone IBC, t-Butyl Acetate IBC, Methanol Totes, Propylene Glycol Drum)	VOC	0.07	0.28
		Exempt Solvent	0.02	0.09

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BFUG	WB Filling Stations (1, 2, 3, 5, 6, 7, and Drum Filling), IWK Filling Stations (1 and 2), Fishchbach Filling Station, and Liquid Weigh Hoppers	VOC	0.81	0.11
		Exempt Solvent	0.08	0.04
		VOC (5)	0.91	<0.01
		PM	0.02	<0.01
		PM <sub>10</sub> (5)	0.02	<0.01
		PM <sub>2.5</sub> (5)	0.02	<0.01
Sitewide	All sources covered by this permit	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
  - 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
  - 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) The allowable emission rates include the cleaning of solvent based mixers and replacement of pump filters (SMEXH), cleaning of water based mixers and replacement of filters (BFUG), and repair of piping components (FUG).
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: February 27, 2015