

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 19948

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)
EPN-1	Fab 1 Exhaust	VOC	5.45	5.66
		IC	<0.01	<0.01
		ES	0.41	0.43
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
EPN-2	Fab 1 Scrubber Exhaust	VOC	0.86	0.89
		IC	0.21	0.15
		ES	0.02	0.02
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
SITEWIDE	All sources at the site	Individual HAP		<10.00
		Combined HAP		<25.00

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

IC - inorganic compounds including acids, bases, reactives, metals, and react gases.

ES - exempt solvents; those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound

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

Emission Sources - Maximum Allowable Emission Rates

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) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: October 15, 2013