

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 42019

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. 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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
EP-1	FAB1 Reactor Exhaust	IOC-U	0.93	4.06
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.08	0.36
EP-2	FAB1 General House Exhaust	IOC-U	0.05	0.24
		VOC	0.002	0.01
EP-3	FAB2 Reactor Exhaust	IOC-U	0.93	4.06
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.08	0.36
EP-4	FAB2 General House Exhaust	IOC-U	0.05	0.24
		VOC	0.002	0.01
SITEWIDE		Individual HAP		<10
		Combined HAP		<25

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

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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

IOC-U - inorganic compounds (unspecified)

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter

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

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated: July 12, 2010