

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18369

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)	Emission Rates *	
			lb/hr	TPY**
E20A006	No. 6 Carbon Bed	acetone	0.24	0.75
		methyl acetate	11.00	16.60
		VOC 49.30	41.00	
E13H064	No. 5 Carbon Bed	acetone	0.24	0.75
		methyl acetate	11.00	16.60
		VOC 49.30	41.00	
E20A004	Caustic Scrubber	acetone	0.20	0.02
		methyl acetate	2.86	0.27
		VOC 0.45	0.04	
E10C060	SYNGAS Flare	acetone (5)	0.05	0.08
		methyl acetate (5)	0.58	1.66
		VOC (5)	4.32	1.66
E20A002	Baghouse	PM <sub>10</sub>	0.01	0.01
E20A003	Sock Filter	PM <sub>10</sub>	0.01	0.01
E13H001	Building 121 Fugitives (4)	methyl acetate	1.64	7.2
		VOC 1.26	5.5	
F20R001	Pumps/Valve Fugitives (4)	acetone	0.07	0.30
		methyl acetate	1.64	7.2
		VOC 1.57	5.5	
D13R500TT	Tank Truck Loading Fugitives	VOC	0.31	0.002

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- (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  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Contribution from SVR-2 process

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

\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,760 Hrs/year

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

Dated December 2, 2004