

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2) | Air Contaminant<br>Name (3) | <u>Emission Rates *</u> |        |
|---------------------------|--------------------|-----------------------------|-------------------------|--------|
|                           |                    |                             | lb/hr                   | TPY ** |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2006A

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.

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|---------------------------|----------------------------|-----------------------------|-------------------------|--------|
|                           |                            |                             | lb/hr                   | TPY ** |
| FT14005010                | Xylene Storage Tank        | Xylene                      | 0.01                    | 0.03   |
| FS13010400                | Butyl Acetate Storage Tank | Butyl Acetate               | 0.01                    | 0.01   |
| FF14004300                | Flare                      | VOC                         | 1.16                    | 0.11   |
|                           |                            | NO <sub>x</sub>             | 0.11                    | 0.50   |
|                           |                            | CO                          | 0.97                    | 4.25   |
| FV14015730                | Reaction System Vent       | VOC                         | 0.01                    | 0.01   |
| FV14059800                | Catalyst Seal Pot Vent     | VOC                         | 0.10                    | 0.01   |
| FUG-1                     | Fugitives (4)              | VOC                         | 1.27                    | 5.58   |
| FT14005000                | PMA Tank                   | VOC                         | 0.01                    | 0.02   |
| FV14513900                | Carbon Drum<br>(IPDI Vent) | VOC                         | 0.05                    | 0.01   |
| FV14602400                | Carbon Drum                | VOC                         | 0.01                    | 0.01   |

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|--|--|-----------------------------|----------------------------------|------|
|  | (Raw Material Unloading)                 |                             |                                  |      |
| FV14602401                                 | Carbon Drum<br>(Final Product Loading)   | VOC                         | 0.01                             | 0.01 |
| FV14000568                                 | HDI Trimer/Biuret<br>Spot Vent           | VOC                         | 0.01                             | 0.01 |
| FV14704500                                 | Carbon Drum<br>(Catalyst Preparations)   | VOC                         | 0.05                             | 0.01 |
| FV14500700                                 | Solids Loading Station                   | PM <sub>10</sub>            | 0.01                             | 0.01 |
| FV14015720                                 | Catalyst Seal Pot Vent                   | VOC                         | 0.10                             | 0.01 |
| FV14070600                                 | Area 140 Trimmer Spot Vent               | VOC                         | 0.01                             | 0.01 |
| FV14070900                                 | Area 140 Biuret Spot Vent                | VOC                         | 0.01                             | 0.01 |
| FV14526700                                 | Area 145 Biuret Prepolymers<br>Spot Vent | VOC                         | 0.01                             | 0.01 |

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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

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|---------------------------|--------------------|-----------------------------|----------------------------------|
| <hr/>                     |                    |                             |                                  |
| TPY **                    |                    |                             |                                  |
| 8,760                     | Hrs/year.          |                             |                                  |

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

Dated August 11, 2006