

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 378

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<br>Point No. (1) | Source<br>Name (2)                      | Air Contaminant<br>Name (3) | Emission Rates * |       |
|---------------------------|---|-----------------------------|------------------|-------|
|                           |   |                             | lb/hr            | TPY** |
| 121-1                     | Tank No. 3611                           | VOC                         | 6.41             | 0.12  |
| 782                       | Tank No. 3751                           | VOC                         | 3.05             | 0.23  |
| 783                       | Tank No. 3640                           | VOC                         | 5.45             | 0.98  |
| 121-2                     | Tank No. 3613                           | VOC                         | 0.66             | 0.07  |
| 121-3                     | Tank No. 3615                           | VOC                         | 0.66             | 0.07  |
| 121-6                     | Tank No. 3621                           | VOC                         | 0.66             | 0.07  |
| 121-9                     | Tank No. 3627                           | VOC                         | 0.01             | <0.01 |
| 121-10                    | Tank No. 3629                           | VOC                         | 0.01             | <0.01 |
| 121-11                    | Tank No. 3631                           | VOC                         | 2.25             | 0.08  |
| 121-12A                   | Tank No. 3632                           | VOC                         | <0.01            | <0.01 |
| 121-12B                   | Tank No. 3633                           | VOC                         | <0.01            | <0.01 |
| 121-13                    | Tank No. 3635                           | VOC                         | <0.01            | <0.01 |
| 129                       | No. 2 Butanol Recovery<br>Column        | VOC                         | 1.11             | 4.86  |
| 215                       | No. 2 Butyl CARBITOL<br>Column Jet Vent | VOC                         | 0.04             | 0.16  |
| 216                       | Butoxytriglycol Column                  | VOC                         | 0.03             | 0.12  |
| 217                       | Vent Absorber                           | VOC                         | 0.63             | 2.76  |
|                           |   | CO                          | 0.02             | 0.09  |

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|---------------------------|--------------------|-----------------------------|-------------------------|--------------|
|                           |                    |                             | <u>lb/hr</u>            | <u>TPY**</u> |

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|---------------------------|--|-----------------------------|------------------|-------|
|                           |  |                             | lb/hr            | TPY** |
| 218                       | Butyl CELLOSOLVE<br>Jet Vent           | VOC                         | 0.01             | 0.04  |
| 1064                      | No.1 Butyl CARBITOL Column<br>Jet Vent | VOC                         | 0.04             | 0.17  |
| 655                       | Fugitives (4)                          | VOC                         | 1.51             | 6.68  |

- (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  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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.

Date December 5, 2003