

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2142

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       |          | Air Contaminant  |       | <u>Emission Rates *</u> |
|---------------------------|--------------|----------|------------------|-------|-------------------------|
|                           | Name (2)     | Name (3) | lb/hr            | TPY   |                         |
| FT15000100                | STORAGE TANK |          | PROPYLENE OXIDE  | <0.01 | <0.01                   |
| FT15001100                | STORAGE TANK |          | ETHYLENE OXIDE   | <0.01 | <0.01                   |
| FT15002100                | STORAGE TANK |          | GLYCERINE        | <0.01 | <0.01                   |
| FT15003100                | STORAGE TANK |          | PROPYLENE GLYCOL | <0.01 | <0.01                   |
| FT15005100                | STORAGE TANK |          | KOH              | <0.01 | <0.01                   |
| FT15006100                | STORAGE TANK |          | SULFURIC ACID    | <0.01 | <0.01                   |
| FT15006400                | STORAGE TANK |          | SULFURIC ACID    | <0.01 | <0.01                   |
| FT15032100                | STORAGE TANK |          | BHT              | <0.01 | <0.01                   |
| FT15033100                | STORAGE TANK |          | POLYGEMISCH      | <0.01 | <0.01                   |
| FT15054100                | STORAGE TANK |          | VOC              | <0.01 | <0.01                   |
| FT71005110                | STORAGE TANK |          | POLYOL           | 0.20  | 0.86                    |
| FT71005120                | STORAGE TANK |          | POLYOL           | 0.20  | 0.86                    |
| FT71005500                | STORAGE TANK |          | POLYOL           | 0.20  | 0.86                    |
| FT71006100                | STORAGE TANK |          | POLYOL           | 0.20  | 0.86                    |
| FT71006500                | STORAGE TANK |          | POLYOL           | 0.20  | 0.86                    |
| FV15030110                | VENT         |          | VOC              | 0.03  | 0.12                    |

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| Emission<br>Point No. (1) | Source<br>Name (2)    | Air Contaminant<br>Name (3) | Emission Rates * |       |
|---------------------------|-----------------------|-----------------------------|------------------|-------|
|                           |                       |                             | lb/hr            | TPY   |
| FV15030120                | VENT                  | VOC                         | 0.03             | 0.12  |
| FV15051400                | VENT                  | VOC                         | <0.01 <0 .01     |       |
| FV15050400                | VENT                  | VOC                         | <0.1             | <0.1  |
| FV15075100                | VENT                  | VOC                         | 0.04             | 0.19  |
| FV15054300                | VENT                  | VOC                         | <0.01 <0.01      |       |
| FV15078200                | VENT                  | VOC                         | <0.01            | <0.01 |
| FV15079100                | VENT                  | VOC                         | <0.01            | <0.01 |
|                           | PROCESS FUGITIVES (4) | VOC                         | 6.22             | 26.5  |

- (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 General Rule 101.1  
KOH - potassium hydroxide  
BHT - butylated hydroxytoluene
- (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 Hrs/year 8,760

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|---------------------------|--------------------|-----------------------------|-------------------------|-----|
|                           |                    |                             | lb/hr                   | TPY |

Dated\_\_\_\_\_