

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19546

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>*<br>Point No. (1) | Source<br>Name (2)      | Air Contaminant<br>Name (3) | Emission Rates |       |
|--------------------------------|-------------------------|-----------------------------|----------------|-------|
|                                |                         |                             | lb/hr          | TPY   |
| 79                             | Fugitives (4)           | VOC                         | 2.79           | 12.64 |
| 80A                            | Catalyst Vent           | VOC                         | 0.01           | <0.01 |
| 80B                            | Catalyst Vent           | VOC                         | 0.01           | <0.01 |
| 81                             | Flare                   | VOC                         | 15.75          | 47.27 |
|                                |                         | NO <sub>x</sub>             | 4.2            | 12.75 |
|                                |                         | CO                          | 21.7           | 65.0  |
|                                |                         | SO <sub>2</sub>             | <0.01          | <0.01 |
|                                | Flare (5)               | VOC                         | 14.00          | 39.61 |
|                                |                         | NO <sub>x</sub>             | 3.80           | 10.68 |
|                                |                         | CO                          | 19.2           | 54.4  |
|                                |                         | SO <sub>2</sub>             | <0.01          | <0.01 |
| 82                             | F-8503 Bag Filter       | VOC                         | (6)            | (6)   |
|                                |                         | PM <sub>10</sub>            | 0.09           | 0.38  |
| 83A                            | F-8820A Silo Bag Filter | VOC                         | (6)            | (6)   |
|                                |                         | PM <sub>10</sub>            | 0.07           | 0.32  |
| 83B                            | F-8820B Silo Bag Filter | VOC                         | (6)            | (6)   |
|                                |                         | PM <sub>10</sub>            | 0.07           | 0.32  |
| 84A                            | F-8811 Silo Bag Filter  | VOC                         | (6)            | (6)   |
|                                |                         | PM <sub>10</sub>            | 0.04           | 0.19  |
| 84B                            | F-8812 Silo Bag Filter  | VOC                         | (6)            | (6)   |
|                                |                         | PM <sub>10</sub>            | 0.04           | 0.19  |

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|    |                        |                  |      |      |
|----|------------------------|------------------|------|------|
| 85 | F-8813 Silo Bag Filter | VOC              | (6)  | (6)  |
|    |                        | PM <sub>10</sub> | 0.04 | 0.19 |

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| Emission<br>*        | Source                      | Air Contaminant       | <u>Emission Rates</u> |            |
|----------------------|-----------------------------|-----------------------|-----------------------|------------|
| <u>Point No. (1)</u> | <u>Name (2)</u>             | <u>Name (3) lb/hr</u> |                       | <u>TPY</u> |
| 86                   | F-8550 Silo Bag Filter      | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | 0.05                  | 0.22       |
| 87                   | F-8555 Bag Filter           | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | 0.21                  | 0.94       |
| 89A                  | D-8805 Silo Vent            | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | <0.01                 | <0.01      |
| 89B                  | D-8806 Silo Vent            | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | <0.01                 | <0.01      |
| 89C                  | D-8807 Silo Vent            | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | <0.01                 | <0.01      |
| 91                   | F-8501 Bag Filter           | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | 0.12                  | 0.50       |
| 92                   | F-8502 Silo Bag Filter      | VOC                   | (6)                   | (6)        |
|                      |                             | PM <sub>10</sub>      | <0.01                 | <0.01      |
| 93                   | F-8556 Extrusion Bag Filter | VOC                   | (6)                   | (6)        |
|                      | (6)                         | PM <sub>10</sub>      | 0.02                  | 0.11       |
| 94                   | TK-8401 Steamer Scrubber    | VOC                   |                       | 1.3        |
|                      | 5.6                         |                       |                       |            |
| 95                   | Process Cooling Tower       | VOC                   | 0.50                  | 2.21       |
| 96                   | Pelletizing Cooling Tower   | VOC                   |                       | 0.11       |
|                      | 0.46                        |                       |                       |            |
| 97                   | Railcar Loading             | VOC                   | (6)                   | (6)        |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions following emission control upgrade to be in place by December 31, 1996.
- (6) Total maximum VOC emissions from these points shall not exceed 2 lb/hr or 2 TPY.

\* 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

Dated\_\_\_\_\_