

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

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4672

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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| Emission<br>Point No. (1) | Source<br>Name (2)                      | Air Contaminant<br>Name (3) | <u>Emission Rates *</u> |            |
|---------------------------|---|-----------------------------|-------------------------|------------|
|                           |   |                             | <u>lb/hr</u>            | <u>TPY</u> |
| A                         | Truck Receiving Pit A                   | PM                          | 1.70                    | -          |
|                           |   | PM <sub>10</sub>            | 0.25                    | -          |
| B                         | Truck Receiving Pit B                   | PM                          | 0.85                    | -          |
|                           |   | PM <sub>10</sub>            | 0.13                    | -          |
| C                         | Railcar Receiving Pit No. 1             | PM                          | 0.56                    | -          |
|                           |   | PM <sub>10</sub>            | 0.08                    | -          |
| D                         | Railcar Receiving Pit No. 2             | PM                          | 0.56                    | -          |
|                           |   | PM <sub>10</sub>            | 0.08                    | -          |
| E                         | Railcar Receiving Pit No. 3             | PM                          | 0.56                    | -          |
|                           |   | PM <sub>10</sub>            | 0.08                    | -          |
|                           | Total Receiving<br>Operations           | PM                          | -                       | 1.05       |
|                           |   | PM <sub>10</sub>            | -                       | 0.15       |
| FI-1                      | Pneumatic Receiving System<br>Bagfilter | PM/PM <sub>10</sub>         | 0.12                    | 0.01       |

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|---------------------------|-------------------------------|-----------------------------|-------------------------|------|
|                           |                               |                             | lb/hr                   | TPY  |
| C-1                       | Cleaner Cyclone               | PM                          | 1.88                    | 1.13 |
|                           |                               | PM <sub>10</sub>            | 0.48                    | 0.29 |
| C-2                       | Pellet Cooler No. 1 Cyclone   | PM                          | 2.70                    | 2.93 |
|                           |                               | PM <sub>10</sub>            | 1.35                    | 1.47 |
| C-3                       | Pellet Cooler No. 2 Cyclone   | PM                          | 2.70                    | 2.93 |
|                           |                               | PM <sub>10</sub>            | 1.35                    | 1.47 |
| L1 and L2                 | Truck Loadout No. 1 and No. 2 | PM                          | 2.58                    | -    |
|                           |                               | PM <sub>10</sub>            | 0.87                    | -    |
| LPB                       | Portable Backup Loadout       | PM                          | 2.58                    | -    |
|                           |                               | PM <sub>10</sub>            | 0.87                    | -    |
| BAG-1                     | Product Bagging               | PM                          | 0.90                    | -    |
|                           |                               | PM <sub>10</sub>            | 0.45                    | -    |
|                           | Total Loadout Operations      | PM                          | -                       | 5.29 |
|                           |                               | PM <sub>10</sub>            | -                       | 1.78 |
| 1                         | 200-Hp Boiler                 | PM/PM <sub>10</sub>         | 0.04                    | 0.17 |
|                           |                               | VOC                         | 0.03                    | 0.12 |
|                           |                               | NO <sub>x</sub>             | 0.51                    | 2.23 |
|                           |                               | CO                          | 0.43                    | 1.88 |
|                           |                               | SO <sub>2</sub>             | <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) 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 PM greater than 10 microns is emitted.

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|-----------------|---|-----------------|------------------|-----|
| Point No. (1)   | Name (2)  | Name (3)        | lb/hr            | TPY |
| VOC             | - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 |                 |                  |     |
| NO <sub>x</sub> | - nitrogen oxides   |                 |                  |     |
| CO              | - carbon monoxide   |                 |                  |     |
| SO <sub>2</sub> | - sulfur dioxide  |                 |                  |     |

\* Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Dated April 8, 2005