

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5907

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 Point No. (1) | Source | | Air Contaminant | | <u>Emission Rates *</u> | |
|---------------------------|---------------------------|----------|-----------------|-----|-------------------------|------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| A-1* | Phenofil Recv. - Corn | | PM | | 12.96 | 0.67 |
| A-2** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| A-3** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| A-4** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| A-5** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| B-1*** | Fiber Fill Railcar Unldg. | | PM | | 4.5 | 0.25 |
| B-2** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| B-3** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| C-1* | Rice Hull Railcar Unldg. | | PM | | 12.96 | 0.67 |
| C-2** | Grinding Mill Exhaust | | PM | | 0.09 | 0.92 |
| C-3** | Grinding Mill Exhaust | | PM | | 0.21 | 0.92 |
| D-1@@ | Pecan Shell Unloading | | PM | | 12.96 | 0.67 |
| D-2@@ | Pecan Shell Handling | | PM | | 0.11 | 0.48 |
| D-3@@ | Pecan Shell Dryer | | PM | | 0.11 | 0.48 |
| | | | NO _x | | 0.45 | 1.99 |
| | | | SO ₂ | | 0.003 | 0.01 |
| | | | CO | | 0.095 | 0.42 |
| | | | VOC | | 0.026 | 0.12 |
| D4 | Hammermill Exhaust | | PM | | 0.27 | 1.2 |
| D5 | Bagger Fugitives | | PM | | 0.31 | 1.4 |

- (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
 PM - particulate matter
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide

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

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- * Emission rates are based on and the facilities are limited to an hourly throughput of 72 tons and an annual throughput of 7,488 tons of corn cob residue.
- ** Emission rates are based on and the facilities are limited by the following maximum operating schedule:
Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760
- *** Emission rates are based on and the facilities are limited to an hourly throughput of 72 tons and an annual throughput of 7,488 tons of rice hulls.
- @ Emissions rates are based on and the facilities are limited to an hourly throughput of 72 tons and an annual throughput of 7,488 tons of rice hulls, cottonseed and triple superphosphate.
- @@ Emission rates are based on and the facilities are limited to an hourly throughput of 72 tons and an annual throughput of 7,488 tons of pecan shells.
- @@@ Emission rates are based on and the facilities are limited to an hourly throughput of five tons and an annual throughput of 7,488 tons of pecan shells.

Dated_____