

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20864

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) | <u>Emission Rates *</u> |            |
|---------------------------|---------------------------|-----------------------------|-------------------------|------------|
|                           |                           |                             | <u>lb/hr</u>            | <u>TPY</u> |
| 1                         | Drying Kiln               | VOC                         | 10.65                   | 34.29      |
| 2                         | EBS Wood Burner           | VOC                         | 4.5                     | 7.2        |
|                           |                           | PM <sub>10</sub>            | 4.6                     | 7.6        |
|                           |                           | SO <sub>2</sub>             | 0.01                    | 0.04       |
|                           |                           | NO <sub>x</sub>             | 2.2                     | 9.3        |
|                           |                           | CO                          | 0.5                     | 2.3        |
| 3**                       | Planer (A or B) Cyclone   | PM                          | 0.33                    | 0.94       |
|                           |                           | PM <sub>10</sub>            | 0.37                    |            |
| 4**                       | Trim Saw (A or B) Cyclone | PM                          | 0.20                    | 0.58       |
|                           |                           | PM <sub>10</sub>            | 0.33                    |            |
| 5                         | Load Out (4)              | PM                          | 2.15                    | 1.44       |
|                           |                           | PM <sub>10</sub>            | 0.73                    | 0.49       |

- (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 particulate matter greater than 10 microns is emitted.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

(4) Fugitive emissions are an estimate only.

\* Emission rates are based on the listed maximum production rates and the facilities are limited by the following maximum operating schedule:

Drying kiln maximum production is rate 95,000 board feet per day and 29.5 million board feet per year.

Planer's maximum throughput is 140,000 board feet per day and 29.5 million board feet per year.

Trim Saw's maximum throughput is 140,000 board feet per day and 29.5 million board feet per year.

Hrs/day 24 Days/week 7 Weeks/year 52  
or Hrs/year 8,760

Planner and Trim saw operations are limited to 16 hours per day.

Kiln operates 24 hours per day.

\*\* Combined emissions from these sources are exhausted through either Cyclone A or Cyclone B. The two cyclones do not operate at the same time.

Dated April 20, 2006