

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5628

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) | Emission Rates * |         |
|---------------------------|--------------------|-----------------------------|------------------|---------|
|                           |                    |                             | lb/hr            | TPY     |
| S-01                      | Boiler No. 1       | NO <sub>x</sub>             | 10.00            | 43.80   |
|                           |                    | CO                          | 35.00            | 153.30  |
|                           |                    | VOC                         | 5.00             | 21.90   |
|                           |                    | SO <sub>2</sub>             | 0.42             | 1.83    |
|                           |                    | PM <sub>10</sub>            | 10.00            | 43.80   |
| S-02                      | Boiler No. 2       | NO <sub>x</sub>             | 10.00            | 43.80   |
|                           |                    | CO                          | 35.00            | 153.30  |
|                           |                    | VOC                         | 5.00             | 21.90   |
|                           |                    | SO <sub>2</sub>             | 0.42             | 1.83    |
|                           |                    | PM <sub>10</sub>            | 10.00            | 43.80   |
| S-03                      | Boiler No. 3       | NO <sub>x</sub>             | 71.06            | 311.24  |
|                           |                    | CO                          | 1430.00          | 6263.40 |
|                           |                    | VOC                         | 132.00           | 578.16  |
|                           |                    | SO <sub>2</sub>             | 1.85             | 8.11    |
|                           |                    | PM <sub>10</sub>            | 44.00            | 192.72  |
| S-04                      | Dryer No. 1        | VOC                         | 46.22            | **      |
|                           |                    | PM                          | 9.92             |         |
|                           |                    | PM <sub>10</sub>            | 6.83             |         |
| S-05                      | Dryer No. 2        | VOC                         | 59.88            | **      |
|                           |                    | PM                          | 12.85            |         |
|                           |                    | PM <sub>10</sub>            | 8.85             |         |
| S-06                      | Dryer No. 3        | VOC                         | 60.24            | **      |
|                           |                    | PM                          | 12.93            |         |
|                           |                    | PM <sub>10</sub>            | 8.90             |         |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2)         | Air Contaminant<br>Name (3) | Emission Rates * |        |
|---------------------------|----------------------------|-----------------------------|------------------|--------|
|                           |                            |                             | lb/hr            | TPY    |
| S-07                      | Dryer No. 4                | VOC                         | 71.26            | **     |
|                           |                            | PM                          | 15.29            |        |
|                           |                            | PM <sub>10</sub>            | 10.53            |        |
| S-04 through S-07         | Dryer Nos. 1 through 4     | VOC                         | 789.34           |        |
|                           | Combined Annual Allowables | PM                          | 169.26           |        |
|                           |                            | PM <sub>10</sub>            |                  | 116.52 |
| K-01                      | Old Kiln                   | VOC                         | 18.00            | **     |
|                           |                            | PM <sub>10</sub>            | 0.61             |        |
| K-02                      | New Kiln                   | VOC                         | 18.00            | **     |
|                           |                            | PM <sub>10</sub>            | 0.61             |        |
| K-01 and K-02             | Old and New Kilns          | VOC                         |                  | 157.70 |
|                           | Combined Annual Allowables | PM <sub>10</sub>            | 5.32             |        |
| S-14                      | Dry Hog Baghouse           | PM <sub>10</sub>            | 0.89             | 3.90   |
| S-15                      | Dry Waste Baghouse         | PM <sub>10</sub>            | 0.79             | 3.46   |
| S-17                      | Sander Dust Baghouse       | PM <sub>10</sub>            | 0.04             | 0.18   |
| S-19                      | Fuel House Cyclone         | PM <sub>10</sub>            | 0.30             | 1.32   |
| S-18                      | Truck Bin Cyclone          | PM <sub>10</sub>            | 2.06             | 9.03   |
| S-16                      | Dry Waste Cyclone          | PM <sub>10</sub>            | 0.21             | 0.92   |
| V-01/C-12                 | Hot Press Roof Vent        | VOC                         | 15.11            | **     |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1)  | Source<br>Name (2)  | Air Contaminant<br>Name (3) | Emission Rates * |        |
|----------------------------|---|-----------------------------|------------------|--------|
|                            |   |                             | lb/hr            | TPY    |
|                            |   | PM                          | 11.44            |        |
|                            |   | PM <sub>10</sub>            | 4.81             |        |
|                            |   | HCHO                        | 0.42             |        |
| V-01/C-13                  | Hot Press Roof Vent   | VOC                         | 15.11            | **     |
|                            |   | PM                          | 11.44            |        |
|                            |   | PM <sub>10</sub>            | 4.81             |        |
|                            |   | HCHO                        | 0.42             |        |
| V-01/C-12 and<br>V-01/C-13 | Hot Press Roof Vents<br>Combined Annual Allowables<br>92.75 | VOC                         |                  | 122.52 |
|                            |   | PM                          |                  |        |
|                            |   | PM <sub>10</sub>            |                  | 39.04  |
|                            |   | HCHO                        |                  | 3.38   |
| F-09                       | Log Soaking Vats<br>(Traditional Lathe)                     | VOC                         | 14.00            | 61.32  |
| F-09A                      | Log Soaking Vats<br>(Centerless Lathe)                      | VOC                         | 4.20             | 18.40  |
| F-03                       | Ring Debarker (4)   | PM <sub>10</sub>            | 2.42             | 10.60  |
| F-04                       | Drum Debarker (4)   | PM <sub>10</sub>            | 0.31             | 1.36   |
| F-01                       | MTL Sawline (4)   | PM <sub>10</sub>            | <0.01            | 0.01   |
| F-02                       | Fiber Deck (4)  | PM <sub>10</sub>            | <0.01            | 0.01   |
| F-05                       | Even End Saws (4)   | PM <sub>10</sub>            | <0.01            | 0.01   |
| F-08                       | Trim Saws (4)   | PM <sub>10</sub>            | <0.01            | 0.01   |
| F-12                       | Truck Bin (4)   | PM <sub>10</sub>            | <0.01            | 0.02   |

|      |                          |                  |       |      |
|------|--------------------------|------------------|-------|------|
| F-14 | Truck Bin (4)            | PM <sub>10</sub> | <0.01 | 0.02 |
| F-13 | Rail Loading - Chips (4) | PM <sub>10</sub> | <0.01 | 0.02 |
| F-17 | Shavings Truck Bin (4)   | PM <sub>10</sub> | <0.01 | 0.02 |

Permit No. 5628

Page 4

#### 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) NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - VOC - volatile organic compounds as defined in General Rule 101.1
  - SO<sub>2</sub> - sulfur dioxide
  - 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.
  - HCHO - formaldehyde
- (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:

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

\*\* Annual emission limits are based on a combined total for several points. The annual limit is specified after the last point in the group.

Dated\_\_\_\_\_