

**TECHNICAL EVALUATION**  
**AND**  
**PRELIMINARY DETERMINATION**

**I. GENERAL INFORMATION**

**A. APPLICANT**

International Paper  
Whitehouse Lumber Operations  
109 Halsema Road South  
Whitehouse, FL 32220

Permit No. 0310197-008-AC  
County: Duval

**B. PROJECT**

The applicant, International Paper, applied December 13, 2006, to the Department for a permit to reconstruct Wood Drying Kiln No. 3.

**II. RULE APPLICABILITY**

The facility is located in an area designated as attainment for the air pollutant sulfur dioxide (effective March 8, 1999), as unclassifiable for the air pollutant particulate matter less than or equal to ten (10) micrometers, and an air quality maintenance area for air pollutants particulate matter and ozone pursuant to Chapter 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

The facility is a major source of air pollution because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Rule 62-210, FAC, and JEPB Rule 2.301.

The project shall be subject to the provisions of Stationary Sources - Emission Standards – Carbonaceous Fuel Burning Equipment, Rule 62-296.410, FAC, and JEPB Rule 2.1001.

**III. TECHNICAL EVALUATION**

The reconstruction of Wood Drying Kiln No. 3 is a result of the original kiln being destroyed by fire. The kiln is a cyclonic wood waste and/or propane fired unit for high temperature drying of southern pine lumber.

The maximum process heat input rate shall be limited to  $17.2 \times 10^6$  Btu per hour of wood waste and  $2.2 \times 10^6$  Btu per hour of propane.

This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

VE shall not exceed twenty (20) percent opacity except for 40 percent opacity for not more than two (2) minutes in any one hour.

Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

Permittee shall maintain daily records of the amount of wood being processed in thousand board feet on file for a minimum of five years and these records shall be made available to the Department upon a request.

#### **IV. CONCLUSION**

Based upon information provided by International Paper, the Department has reasonable assurance that the proposed reconstruction of Wood Drying Kiln No. 3, as described in this evaluation and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.

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