



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Florida Plywoods, Inc.
P. O. Box 458
Greenville, Florida 32331

Air Permit No. 0790001-004-AO
Issue Date: January 24, 2014
Expiration Date: January 24, 2019

Authorized Representative:
Mr. Charles Maultsby –President

Air Operating Permit Renewal

This is the final air operating permit which authorizes the renewal of Air Operation Permit No. 0790001-003- AO for Florida Plywoods, Inc., Waste Wood Fired Boiler. Florida Plywoods, Inc. operates a Hardwood Plywood Facility (Standard Industrial Classification No. 2435) located in Madison County at 1228 US Hwy 221 North, Greenville, Florida. The UTM coordinates are Zone 17, 247.4 km East, and 3375.7 km North.

This final permit is organized by the following sections.

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Emissions Unit Specific Conditions
- Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department

NON -TITLE V AIR OPERATION PERMIT

Executed in Jacksonville, Florida



Richard S. Rachal III, P.G.
Program Administrator
Waste and Air Resource Management Program

January 24, 2014
Date

RSR/yke

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on January 24, 2014 to the persons listed below.

Mr. John Paul Maultsby, P.E. General Manager,- Florida Plywoods, Inc. jpmaultsby@flply.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



January 24, 2014

SECTION 2. ADMINISTRATIVE REQUIREMENTS

FACILITY DESCRIPTION

Existing Facility

Florida Plywoods, Inc. is a Hardwood Plywood Facility that consists of several pieces of equipment used to process hardwood veneer, mdf and particle board into hardwood plywood and vinyl/paper overlaid shelves and drawer sides. Equipments include one 11.0 MMBtu/hr. waste wood-fired boiler with a Zurn Type 9 Cyclonic Dust Collectors and Zurn Dustractor wet Scrubber for the control of particulate matter emissions , indirect-fired steam heated driers , sizing clippers, glue spreaders,applicators, presses and saws. The 11.0 MMBtu/hr. waste wood-fired boiler provides steam to the driers at the facility. The boiler may be fired with hogged trim, dry wood waste, saw dust and sander dust singularly or in combination. Waste fuel is derived from wood veneer/particle board combination, particle board alone, wood veneer alone or a particle board vinyl/paper combination. Some saw dust and hog trim may be from products that are coated with 4 mil vinyl to 7 mil vinyl or wood grain paper. When burning Vinyl, the rate of burning shall not exceed 8 lbs/hr.

The existing facility consist of the following emission unit:

Facility ID No. 0790001	
ID No.	Emission Unit Description
001	Waste Wood Fired Boiler with Zurn Type 9 Cyclonic Dust Collector And Zurn Wet Scrubber

FACILITY REGULATORY CLASSIFICATION

- The facility **is not** a major source of hazardous air pollutants (HAP).
- The facility **has no** units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility **is not** Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility **is not** a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

Applicable Unit Specific Rule (s)

The Waste Wood Fired Boiler is subject to the requirements of Rule 62-296.410 F.A.C. for Carbonaceous Fuel Burning Equipment

SECTION 2. ADMINISTRATIVE REQUIREMENTS

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

Non-Title V Air Permit Renewal received December 23, 2013

1. Permitting Authority: The permitting authority for this project is the Northeast District Air Program, Florida Department of Environmental Protection (Department). The Northeast District's mailing address is 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the North East District Office. The mailing address and phone number of the District Office is: 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256-7590. The Compliance Authority's telephone number is 904/256-1700.
3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions;
 - c. Appendix C. Common Conditions and,
 - d. Appendix D. Common Testing Requirements;
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification.
[Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. A completed Application for Non Title V Air Permit Renewal [DEP Form No. 62-210.900(4)] shall be submitted to the Department at least 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.
[Rules 62-4.055, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC REQUIREMENTS

Waste Wood Fired Boiler

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Waste Wood Fired Boiler with Zurn Type 9 Cyclonic Dust Collector And Zurn Wet Scrubber

PERFORMANCE RESTRICTIONS

1. **Hours of Operation:** The hours of operation **are restricted** to 8400 hours per year.

[Rules 62-4.160(2), 62-210.200(PTE), F.A.C. and Permit No.AC40-2112.]

2. **Maximum Heat Input Rate¹:** The maximum permitted heat input rate of this emissions unit is 11.00 MMBtu/hr. and shall not be exceeded without prior Department approval.

The maximum boiler heat input rate shall be limited to no more than 7MMBtu per hour¹ based on the most recent compliance test conducted May 30, 2012. In accordance with Rule 62-297.310(2), F.A.C the facility may increase the heat input rate up to the design operating rate pursuant to this rule (see **Specific Condition No. 8**).

[Rules 62-4.070(3), 62-4.160(2) and 62-210.200(PTE), F.A.C.; Application No. 0790001-004-AO]

3. **Methods of Operation:** The boiler may be fired with the following fuels singularly or in combination: The total heat input shall not exceed 11.00 MMBtu/hr. as stated in **Specific Condition 2**.

RATE	MATERIAL
11.00 MMBtu/hr <small>note 1</small>	Saw Dust <small>note 1</small> Hogged Trim <small>note 2</small> Dry Wood Waste Sander Dust

Note 1 The maximum boiler heat input rate shall be limited to no more than 7MMBtu per hour¹ based on the most recent compliance test conducted May 30, 2012. In accordance with Rule 62-297.310(2), F.A.C the facility may increase the heat input rate up to the design operating rate pursuant to this rule (see **Specific Condition No. 8**).

Note 2 Some saw dust and hog trim maybe from products coated with 4 mil or 7 mil vinyl. It is burned intermittently at a rate not to exceed 8 pounds/hr.

[Rules 62-4.160(2), 62-210.200(PTE), and Rule 62-213.410, F.A.C.]

SECTION 3. SPECIFIC CONDITIONS

Waste Wood Fired Boiler

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

4. **Visible Emissions Limitation:** The permitted maximum allowable opacity limit is 20 percent (6-minute average), except for 40% opacity for not more than two minutes in any one hour.

[Rule 62-296.410(1)(a), F.A.C.]

TESTING REQUIREMENTS

5. **Visible Emissions Compliance Testing:** Notify the department 15 days prior to testing and submit the test report documentation to the Department within 45 days after the completion of the testing.

[Rule 62-297.310(7)(a)9, and 62-297.310(8)(b), F.A.C.]

6. **Frequency of Testing:** The owner or operator shall conduct a formal compliance test annually during each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(7)(a)4 F.A.C.]

7. **Visible Emissions Test Method:** The reference test method for visible emissions shall be EPA Method 9. The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations.

[Rules 62-296.410(3)(a)(c)]

8. **Operation During Compliance Test:** Testing of emissions should be conducted with the unit operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, the unit may be tested at less than maximum capacity; in this case subsequent unit operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen consecutive calendar days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.

[Rule 62-297.310(2), F.A.C.]

SECTION 3. SPECIFIC CONDITIONS

Waste Wood Fired Boiler

10. **Compliance Test Procedures:** Test procedures shall conform to the procedures specified in Rule 62-297.310, F.A.C. All test results shall be reported to the Department in accordance with the provisions of Rule 62-297.310, F.A.C.

REPORTING REQUIREMENTS

11. **Test Report:** In each test report, submit the maximum input/production rate at which this source was operated since the most recent test.

[Rule 62-4.070(3), F.A.C., 62-210.200(PTE), F.A.C]

12. **Unconfined Particulate Matter:** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity without taking reasonable precautions to prevent such emissions.

Reasonable precaution to prevent emission of unconfined particulate matter at this facility include:

- Checks for leaks and operating inefficiencies in pneumatic conveying systems
- Guards against over filling bins and silos
- Not overloading systems
- Spillage, if any, is picked up promptly
- Excess fuel pile is “wet down” as needed
- In as much as practical, hogs, conveying systems, piles and loading are located so that buildings act as a barrier between potential fugitive dust and neighborhood to west of site.

[Rule 62-296.320(4)(c)2., F.A.C]

13. **Maintenance:** The scrubber water pH shall be maintained at a level that will minimize corrosion of the scrubber. The pH shall be monitored at a frequency necessary to insure that this requirement is met, and a record of all the pH monitoring data shall be maintained.

[[Rule 62-4.070(3), F.A.C.]