

Florida Furniture Industries, Inc.  
No. 1 Plant  
**Facility ID No.: 1070002**  
Putnam County

Initial Title V Air Operation Permit  
**FINAL Permit No.: 1070002-002-AV**

Permitting Authority:

State of Florida  
Department of Environmental Protection  
Northeast District Air Program  
7825 Baymeadows Way, Suite B200  
Jacksonville, Florida 32256-7590  
Telephone: 904/448-4310  
FAX: 904/448-4363

Initial Title V Air Operation Permit  
FINAL Permit No.: 1070002-002-AV

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**Permittee:**  
Florida Furniture Industries, Inc.

FINAL Permit No.: 1070002-002-AV  
Facility ID No.: 1070002  
SIC Nos.: 24  
Project: Initial Title V Air Operation Permit

This permit is for the operation of the No. 1 Plant. This facility is located at 722 River Street, Palatka, Putnam County; UTM Coordinates: Zone 17, 438.3 km East and 3278.90 km North; Latitude: 29° 38' 25" North and Longitude: 81° 38' 15" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

APPENDIX TV-1, TITLE V CONDITIONS (version dated 12/02/97)

**Effective Date: May 13, 1998**  
**Renewal Application Due Date: Nov. 13, 2002**  
**Expiration Date: May 13, 2003**

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**Christopher L. Kirts, P.E.**  
**District Air Program Administrator**

CLK:JLC

## **Section I. Facility Information.**

### **Subsection A. Facility Description.**

This facility consists of a wood waste fired boiler; #1,2,3 Dry Kilns; Woodworking Dust Collection; and Finish Coating Operations

#### **E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
001	Wood Waste Fired Boiler
002	#1,2,3 Dry Kilns
003	Woodworking Dust Collection
004	Finish Coating Operations

Based on the initial Title V permit application received 06-11-96, this facility is a major source of hazardous air pollutants (HAPs).

### **Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

#### **These documents are provided to the permittee for information purposes only:**

Table 1-1, Summary of Air Pollutant Standards and Terms  
Table 2-1, Summary of Compliance Requirements  
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers  
Appendix H-1, Permit History/ID Number Changes

#### **These documents are on file with permitting authority:**

Initial Title V Permit Application received 06-11-96  
Additional Information Request dated 03-28-97  
Additional Information Response received 07-14-97  
Additional Information Request dated 08-05-97  
Additional Information Response received 11-12-97

***Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.***

## **Section II. Facility-wide Conditions.**

### **The following conditions apply facility-wide:**

1. APPENDIX TV-1, TITLE V CONDITIONS, is a part of this permit.  
{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
  - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
  - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
5. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [insert any required systems]  
[Rule 62-296.320(1)(a), F.A.C.; FINAL by applicant in the initial Title V permit application received [Month day, year]]
6. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.  
[Rule 62-213.440, F.A.C.]

**Permittee:**  
Florida Furniture Industries, Inc.  
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Facility ID No.: 1070002

7. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northeast District.

State of Florida  
Department of Environmental Protection  
Northeast District Air Program  
7825 Baymeadows Way, Suite B200  
Jacksonville, Florida 32256-7590  
Telephone: 904/448-4310  
FAX: 904/448-4363

9. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air, Pesticides & Toxics Management Division  
Operating Permits Section  
61 Forsyth Street  
Atlanta, Georgia 30303  
Telephone: 404/562-9099  
Fax: 404/562-9095

### **Section III. Emissions Unit(s) and Conditions.**

**Subsection [A]. This section addresses the following emissions unit(s).**

**E.U.**

**ID No.**

**Brief Description**

001

Wood Waste Fired Boiler with a multi-cyclone with flyash arrestor and reinjection system to control particulate matter emissions.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**A.1. Permitted Capacity.** The heat input rate shall not exceed 18.24 MMBTU/hr.  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**A.2. Methods of Operation** - This boiler is fired with wood chips and sawdust.  
[Rule 62-213.410, F.A.C.]

**A.3. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**A.4.** Visible Emissions shall not exceed 20% opacity except for 40% for 2 mins/hr.  
[Rule 62-296.410(1)(a), F.A.C.]

**Test Methods and Procedures**

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**A. 5.** Visible Emissions testing shall comply with the applicable requirements of Rule 62-296.410(3), F.A.C. and shall be performed annually.

**Subsection [B]. This section addresses the following emissions unit(s).**

**E.U.**

**ID No.    Brief Description**

002        #1,2,3 Dry Kilns heated with steam from the boiler and Volatile Organic Compounds (VOC) are emitted.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**B.1. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

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

**Recordkeeping and Reporting Requirements**

**B.2. Volatile Organic Compounds.** VOC emissions in tons shall be recorded monthly and reported annually.

[Rule 62-210.370(3), F.A.C.]



**Subsection [C]. This section addresses the following emissions unit(s).**

**E.U.**

**ID No.    Brief Description**

003        Woodworking Dust Collection System collects dust from several units with the emissions being exhausted from bag filters A & B.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**C.1. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**C.2.** At point (A), Visible Emissions shall not exceed 5% opacity.  
[Rule 62-297.620(4), F.A.C.]

**C.3.** At point (B), Visible Emissions shall not exceed 5% opacity.  
[Rule 62-297.620(4), F.A.C.]

**Test Methods and Procedures**

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**C.4.** At point (A), Visible Emissions testing shall comply with the applicable requirements of EPA Method 9 and shall be performed annually.

**C.5.** At point (B), Visible Emissions testing shall comply with the applicable requirements of EPA Method 9 and shall be performed annually.

**Subsection [D]. This section addresses the following emissions unit(s).**

**E.U.**

**ID No.    Brief Description**

004    Finish Coating Operations with VOC emissions from spray booths using air, airless, air assisted or HVLP spray; from print coating, dip coating and hand pad staining; and product drying in steam heated ovens.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**D.1. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8760 hours/year.  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**D.2.** 40 CFR 63.802, Table 3 emissions limitations as shown below shall be met by using coatings that contain no more than the specified lb of VHAP/ lb solids (as applied):

**a. Finishing Operation**

For all coatings [stains, washcoats, sealers, topcoat, basecoats, enamels and thinners] the weighted maximum average VHAP content shall not exceed 1.0 lb VHAP/lb solids, as applied.

<b>FINISH COATING OPERATIONS</b>	
<b>Coating Type</b>	<b>Max. VHAP Content (lb VHAP/lb Solids)</b>
Stains	1.0
Washcoats	1.0
Sealers	1.0
Topcoats	1.0
Basecoats	1.0
Enamels	1.0
Thinners	--- <sup>1</sup>

<sup>1</sup>Thinners have zero solids, therefore the lb VHAP/lb solids number is meaningless.

**b. Strippable Spray Booth**

For all strippable spray booth coatings, the VOC content of the coatings shall not exceed 0.8 lb VOC/lb of solids, as applied.  
[Rule 62-204.800(10)20.,F.A.C.; 40 CFR 63.802]

**WORK PRACTICES STANDARDS**

- D.3.** 1. The permittee shall, at a minimum, apply the following procedures to minimize emissions of VOC or organic solvents emissions:
2. Maintain tightly fitting covers, lids, etc., on all containers of VOC when they are not being handled, tapped, etc.
  3. Prevent excessive air turbulence across exposed VOC.
  4. Where possible and practical, procure/fabricate a tightly fitting cover for any open trough basin, bath, etc., of VOC so that it can be covered when not in use
  5. Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition
  6. Confine rags used with VOCs to tightly closed, fire-proof containers when not in use
  7. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

Procedures already in place, including employee training to cover all containers when not in use; immediate spill clean up; minimization of overspray; and reporting all observed leaks, shall be continued in addition to the implementation by November 21, 1997 of the work procedures standards outlined in 40 CFR 63.803 Work Practice Standards.

[Rule 62-296.320(1)(a), F.A.C.]

- D.4.** The 40 CFR 63.803 Work Practice Standards shall be met by the Work Practice Plan dated 01-15-98 shall be utilized.

**Test Methods and Procedures**

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

- D.5.** Compliance with the allowable emission limiting standards shall be determined by complying with the applicable requirements of 40 CFR 63.804(a) & 63.805.

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- D.6.** Compliance with the recordkeeping and reporting requirements shall be met by complying with the applicable requirements of 40 CFR 63.806 & 63.807.
- D.7.** All measurements, records, and other data required to be maintained by this facility shall be retained for at least five (5) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department's permitting authority upon request.
- [Rule 62-4.070(3), F.A.C.]

## Appendix H-1, Permit History/ID Number Changes

Florida Furniture Industries, Inc.  
No. 1 Plant

Facility ID No.: 1070002  
FINAL Permit No.: 1070002-002-AV

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### Permit History (for tracking purposes):

<u>ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u> <sup>1,2</sup>	<u>Revised Date(s)</u>
001	Wood Waste Fired Boiler	AO54-227598	08-26-93	05-13-98		

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### (if applicable) ID Number Changes (for tracking purposes):

From: Facility ID No.: 31JAX540002

To: Facility ID No.: 1070002

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#### Notes:

- 1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96.
- 2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.  
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}

**NOTICE OF FINAL PERMIT**

**CERTIFIED - RETURN RECEIPT**

In the Matter of an  
Application for Permit by:

Mr. F. H. Rion, Jr.  
Vice President/General Manager  
Florida Furniture Industries, Inc.  
P.O. Box 610  
Palatka, Florida 32178

FINAL Permit No.: 1070002-002-AV  
No. 1 Plant  
Florida Furniture Industries, Inc.  
Putnam County - AP

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Enclosed is FINAL Permit Number for the operation of the No. 1 Plant located at 722 River Street, Palatka, Putnam County, issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the permitting authority in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

Executed in Jacksonville, Florida.

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**Christopher L. Kirts, P.E.**  
**District Air Program Administrator**

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FINAL Permit No.: 1070002-002-AV  
Florida Furniture Industries, Inc.  
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**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on \_\_\_\_\_ to the person(s) listed or as otherwise noted:

Joseph A. Mittauer, P.E.  
Ms. Carla E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)  
Ms. Gracy Danois, USEPA, Region 4 (INTERNET E-mail Memorandum)







**Table 1-1, Summary of Air Pollutant Standards and Terms**

Florida Furniture Industries, Inc.  
No. 1 Plant

**FINAL Permit No.:** 1070002-002-AV  
**Facility ID No.:** 1070002

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.		Brief Description		Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
4		Finish Coating Operations		Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
VHAP				1.0 LB VHAP/LB solids					40 CFR 63.802, Table 3	III.D.2.a.
VOC				0.8 lb VOC/lb solids					40 CFR 63.802, Table 3	III.D.2.b.

Notes:  
\* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 10700021.xls]









## Appendix H-1, Permit History/ID Number Changes

Florida Furniture Industries, Inc.  
No. 3 Plant

Facility ID No.: 1070026  
FINAL Permit No.: 1070026-002-AV

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### Permit History (for tracking purposes):

<u>ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u> <sup>1,2</sup>	<u>Revised Date(s)</u>
001	Wood Waste Fired Boiler	AO54-195322	06-12-91	06-20-96		
001	Wood Waste Fired Boiler	1070026-001-AC	08-07-97	03-31-98		

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### (if applicable) ID Number Changes (for tracking purposes):

From: Facility ID No.: 31JAX540026

To: Facility ID No.: 1070026

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### Notes:

- 1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96.
- 2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.  
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}