



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803

RICK SCOTT
GOVERNOR

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SECRETARY

Electronically Sent- Received Receipt Requested
stevea@jeld-wen.com

FINAL PERMIT

PERMITTEE

JELD-WEN, Inc.
1700 Avenue A
Kissimmee, Florida 34758

Authorized Representative:
Mr. Steve Akerman, General Manager

Air Permit No. 0970059-005-AO
Permit Expires: 06/30/2018
Site Name: JELD-WEN Door Systems,
Kissimmee
Minor Source Air Operation Permit
Project Name: Operation Permit Renewal

This is the final air operation permit, which authorizes operation of emission units at a wood door manufacturing facility. The manufacturing is conducted at the JELD-WEN, Inc. Kissimmee facility (Standard Industrial Classification No. 3711). The facility is located in Osceola County at 1700 Avenue A in Kissimmee, Florida. The UTM coordinates are Zone 17, 451.6 km East, and 3125.74 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and 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.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication

of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 thirty days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida

 June 7, 2013

F. Thomas Lubozynski, P.E. Date
Waste and Air Resource Programs Administrator

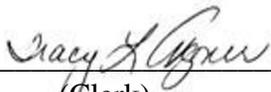
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) 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 June 7, 2013 to the persons listed below.

Mr. Steve Akerman, General Manager, JELD-WEN, Inc. (stevea@jeld-wen.com)
Mr. Daniel Richardson, Environmental Manager, JELD-WEN, Inc. (danielr@jeld-wen.com)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 June 7, 2013
(Clerk) (Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The existing facility consists of the following emissions units.

Facility ID No. 0970059	
ID No.	Emission Unit Description
001	Wood Door Manufacturing Facility

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 a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C., Prevention of Significant Deterioration.
- This facility is a synthetic non-Title V source for HAPs.

PERMIT HISTORY/AFFECTED PERMITS

Renews Operation Permit 0970059-004-AO

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Waste & Air Resource Programs. The Central District's mailing address and phone number is:

Florida Department of Environmental Protection
Central District Office
Waste & Air Resource Programs
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
Telephone: 407-897-4100

All documents related to applications for permits shall be submitted to the above address or electronically to the following address: **DEP_CD@dep.state.fl.us**. In any electronic submittal clearly identify the Air Permit No. 0970059-005-AO

2. Compliance Authority: The compliance authority for this project is the Florida Department of Environmental Protection, Central District Compliance Assurance Program. All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Compliance Assurance Program. (Use the above mailing or e-mail address).
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, 62-212, 62-213, 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: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

7. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility," (AOR) for the preceding calendar year. The report must be submitted electronically in accordance with the instructions received with the AOR package sent by the Department. [Rule 62-210.370(3), F.A.C.]
8. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:
- the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
 - the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
 - copies of the most recent compliance test reports required by Specific Condition No. **A.9**, if not previously submitted; and
 - copies of the most recent two months of records/logs specified in Specific Condition No. **A.8**.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 Wood Door Manufacturing Facility

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	<p>Wood Door Manufacturing Facility - The facility makes flat panel and molded hollow-core doors, custom carved doors, mirrored doors, and flat panel and molded solid core doors.</p> <ul style="list-style-type: none"> • The doors are made of “skins” that form the two sides. These skins are glued and clamped until a bond is achieved, then machined to tolerance and stacked. White poly vinyl acetate (PVA) glue is applied by a roller as the skins are passed through the gluing equipment. A second hot mix glue is applied by rollers in smaller volumes to additional areas of the door components. • Stacked doors are moved to one of two spray booths, where the edges are painted. The spray booths are manufactured by Bleeker Brothers and are 12 feet wide by 10 feet high and 10 feet deep. A third smaller paint spray booth is used to paint smaller wood trim and decorative pieces. Air emissions from the spray paint booths are controlled by arrestor filters. After painting, the doors can be shipped as is, or machined for hinges and hardware. • Fugitive emissions from the wood machining processes, trim saws, and sanding operations are vented into common ducting, then to a cyclone and then to a baghouse (Clarkes, Model P-95-20). • Potential emission estimates from the facility are based on a maximum production rate of 3.5-million doors per year from the facility, and equivalent usage rates of: 42,000 gallons per year of paint, 350,000 gallons per year of PVA glue, and 4,000 gallons per year of hot mix glue. [Permit Application dated 05/01/13 and amendment dated 05/23/13]

PERFORMANCE RESTRICTIONS

A.1. Restricted Operation: The hours of operation are not limited (8,760 hours per year). [Permit Application dated 05/01/13 and amendment dated 05/23/13, and Rules 62-4.070(3) and 62-210.200(247) “Potential to Emit,” F.A.C.]

EMISSIONS STANDARDS

A.2. Volatile Organic Compounds (VOC)/HAP Emission Limitation: The facility-wide VOC/HAP emissions shall not exceed the following during any consecutive 12-month period:

Pollutant	Emissions Limitation (tons per any consecutive 12-month period)
Total VOCs	Less than 49.0
Total HAPs	Less than 25.0
Individual HAPs	Less than 10.0

[Construction Permit 0970059-001-AC dated 11/14/97 and Rule 62-210. 200(247), “Potential to Emit,” F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 Wood Door Manufacturing Facility

A.3. Visible Emissions: Visible emission from each emission point the facility shall not exceed 20% opacity. The emission points are: each of the three spray booths and the baghouse. [Rule 62-296.320(4)(b)1, F.A.C.]

TESTING REQUIREMENTS

A.4. Compliance Tests: At least 90 days prior to the expiration date of the operation permit, each emission point (each of the three spray booths and the baghouse) shall be tested to demonstrate compliance with the visible emissions limitation in Specific Condition A.3. [Rule 62-297.310, F.A.C.]

A.5. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310, F.A.C.]

A.6. Test Method: Required test shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources.

The above method is described in Appendix A of 40 CFR 60 and adopted by reference in Rule 62-204.800, F.A.C. No other method may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

Operating Rate During Testing: Testing of emissions shall be conducted with each emission point operating at typical capacity. The Test report will describe the operations that were occurring during the visible emissions test period (for example, amount of and duration of paint spraying and the types of sanding operations) [Rule 62-297.310(2), F.A.C.]

NOTIFICATION REQUIREMENTS

A.7. Test Notification: The permittee shall notify the Compliance Authority at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the permittee.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 Wood Door Manufacturing Facility

A.8. Monthly Log: In order to demonstrate compliance with Specific Condition **A.2.**, the permittee shall maintain a monthly log at the facility for a period of at least five years from the date the data is recorded. [Rule 62-4.070(3) and Chapter 62-210, F.A.C.]

The monthly summary of the log, at a minimum, shall contain the following:

1. Facility Name, Facility ID No. (i.e., JELD-WEN, Inc. Door Systems, Kissimmee facility, Facility # 0970059);
2. Designation of the month and year of operation for which the records are being tabulated;
3. Monthly total of total VOC, total HAP, and individual HAP emissions in tons/month. The log must include the calculations and supporting documents relied upon to determine the total emitted.
4. Consecutive 12-month total of VOC emissions; and,
5. Consecutive 12-month total of HAP emissions and each individual HAP emission.

The monthly logs shall be completed no later than the end of the following month.

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12-month totals using whatever number of months of data is available until such a time as a consecutive 12-month total can be maintained each month.

Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA "As Supplied" data sheets, EPA Method 24, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. Documentation of each chemical reclaimed will use a mass balance method to determine usage/emissions (amount used minus amount collected for disposal or recycle).

The log and documents shall be kept at the facility for at least three years and made available to the Department. The monthly logs shall be completed by the end of the following month. [Rule 62-4.070(3), F.A.C.]

A.9. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit, that is, "The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed." [Rule 62-297.310(8), F.A.C.]