



# Florida Department of Environmental Protection

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Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Mimi A. Drew  
Secretary

*Sent by Electronic Mail – Received Receipt Requested*

## PERMITTEE:

Hunter Panels, LLC  
388 Southeast Enterprise Ct.  
Lake City, Florida 32025

Air Permit Number: 0230044-003-AF  
Date of Issue: January 10, 2011  
Expiration Date: January 10, 2016

Authorized Representative:  
Mr. Gregory Ridilla

Renewal Federally Enforceable State Operation  
Permit

## PROJECT AND LOCATION

This is the air operation permit renewal, which authorizes operation of a polyisocyanurate foam insulating panel manufacturing operation for use in commercial and industrial roofing applications. The facility is located at 388 Southeast Enterprise Ct., Lake City, Columbia County, Florida. The Standard Industrial Classification No. is 3086 Plastics Foam Products (urethane and other foam products). The UTM coordinates are Zone 17, 347.010 km East; 3338.874 km N. Latitude: 30° 10' 18", Longitude: 82° 35' 20"

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.

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

## AIR OPERATION PERMIT

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Executed in Jacksonville, Florida



1/10/2011

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

\_\_\_\_\_  
Date

### CERTIFICATE OF SERVICE

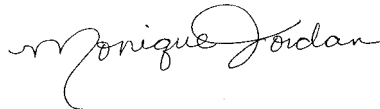
The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on January 10, 2010 to the persons listed below.

Mr. Gregory Ridilla, Plant Manager, Hunter Panels, LLC. [email: [ridilla@hpanels.com](mailto:ridilla@hpanels.com)]

Mr. Scott Reddig, P.E. [email: [sreddig@ptd.net](mailto:sreddig@ptd.net)]

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.



1/10/2011

\_\_\_\_\_  
(Clerk)

\_\_\_\_\_  
(Date)

## SECTION 1. GENERAL INFORMATION

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### FACILITY DESCRIPTION

This facility manufactures polyisocyanurate foam insulating panels for use in commercial and industrial roofing applications. The design capacity of the foam board manufacturing line is 200 linear feet of insulating board per minute.

Operations at the facility include unloading and storage of polymeric diphenylmethane diisocyanate (PMDI), polyol (polyester resin), phosphate based flame retardant, potassium octoate, catalysts, and pentane; material blending; panel production; cutting; packaging; and product storage.

A liquid polyester resin (polyol) is combined with a flame retardant, potassium octoate, and catalysts in a blend tank. Pentane is used as an expanding or blowing agent and is injected at high pressure into the mixture. The mixture is then combined with liquid polymeric diphenylmethane diisocyanate (PMDI) which reacts exothermically to create a foam. While the foam is still liquid, it is poured onto a moving paper substrate at the Pour Table where a top sheet is added as it is drawn into a heated upper and lower conveyor (laminator oven). The foam adheres to both the substrate and top sheet, solidifies and becomes rigid.

Following the laminator oven, the rigid foam material is sent to the crosscut saw station where any foam material spreading beyond the substrate/top sheet dimensions is trimmed, and the sheet is cut into long 4-foot wide panels. The long panels are sent to the Gang saw station where additional cross-cutting reduces the panels to the desired lengths, typically 4 or 8 feet.

Approximately 50% of the available scrap foam board is cut into "footers" that are used to form skids for the finished product at the facility. This operation releases a percentage of the pentane in the foam board product.

The Pour table is a source of potential VOC (pentane) and HAP (MDI) emissions. These emissions are sent to an exhaust stack, which is designated as an Emission Point at the facility (EP01).

A 2.5 MMBtu Indirect fired air heater is designed to take plant process air through a two-stage drop out filter box and into a heat exchanger, where the air is heated and transferred back into the process by a system fan. The combustion system uses a natural gas-fired burner manufactured by Eclipse Combustion RM200. Ventilation hoods are installed on the laminator oven that collects VOC emissions before being ducted to a separate exhaust stack. The exhaust stack is designated as an Emission Point at the facility (EP02).

Particulate matter from the cutting operations (crosscut saw station and the gang saw station), are collected and ducted to an outside baghouse. The baghouse consists of a filter section mounted in a hopper separator. The lighter material passes through the filter bags and is returned to the atmosphere. The heavier material drops to the bottom of the hopper. The dirt and foam debris accumulating in the bottom of the hopper pass through and air lock and fall directly into a baler, that compacts the dust/foam material into bricks or bales. The bales are then conveyed into a dumpster for disposal. The baghouse is designated as an Emission Point at the facility.

VOC emissions (pentane) are also released from the cutting operations. These emissions are also emitted from the baghouse.

The following storage tanks are used at the facility to store raw materials used in the manufacturing process.

- (2) 27,000 gallon PMDI Tanks
- (2) 27,000 gallon Polyol Tanks
- (1) 16,000 gallon TCPP (phosphate based flame retardant) Tank
- (1) 16,000 gallon potassium octoate Tank
- (1) 25,000 gallon Pentane Tank

## SECTION 1. GENERAL INFORMATION

Potential emissions from the PMDI, Polyol, TCCP flame retardant, and potassium octoate tanks are such that they meet the Generic Emissions Unit or Activity Exemption criteria in Rule 62-210.300(3)(b)1., F.A.C. The Pentane tank is maintained under pressure with a nitrogen blanket, and therefore has no emissions.

### REGULATED EMISSIONS UNITS AFFECTED BY PROJECT:

Facility ID No. 0230044	
ID No.	Emission Unit Description
001	Foam Insulation Board Manufacturing
002	Board Cutting Operation

The applicant has stated in the Operation Permit Renewal application received July 12, 2010 that the hog mill which was previously used for grinding scrap foam into dust, and thereby releasing all of the pentane in the ground up scrap to the atmosphere, has been removed from the facility. Scrap material is no longer ground into dust at the facility.

### EMISSIONS UNITS OR ACTIVITIES EXEMPT FROM AIR PERMITTING:

Current Rule Citation	Description of Activity
62-210.300(3)(a)9., F.A.C.	Space Heaters
62-210.300(3)(a)13., F.A.C.	Brazing, Soldering, Welding
62-210.300(3)(a)33., F.A.C.	Laminator Heater
62-210.300(3)(a)24., F.A.C.	Triethylene Glycol Parts Cleaning Unit
62-210.300(3)(b)1., F.A.C.	(2) PMDI Tanks (2) Polyol Tanks (1) TCCP Flame Retardant Tank (1) Potassium Octoate Tank (1) Baler (1) Cool Vent Operation

### 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 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

The facility is a synthetic minor source of air pollution because operational limits assumed by the owner will limit the potential emissions of regulated air pollutants to less than 100 tons per year pursuant to Chapter 62-210, F.A.C.

The facility is considered to be an area source of Hazardous Air Pollutants (HAP) in that the potential HAP emissions of from the facility are less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs pursuant to Chapter 62-210, F.A.C.

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**SECTION 1. GENERAL INFORMATION**

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**FOR INFORMATIONAL PURPOSES, POLLUTANT ESTIMATED EMISSIONS**

The following tables (for informational purposes) contains estimated potential emissions either provided in previous air permit applications or in Department files, for all emission sources permitted to operate at this facility.

	Storage Tanks				
Pollutant	(2) 27,000 gallon PMDI	(2) 27,000 gallon Polyol	(1) 16,000 gallon TCPP	(1) 16,000 gallon Potassium Octoate	(1) 25,000 gallon Pentane
PM	---	---	---	---	---
CO	---	---	---	---	---
NO <sub>x</sub>	---	---	---	---	---
VOC	2.3E-06 <sup>1</sup>	1.0E-06 <sup>1</sup>	0.042 <sup>1</sup>	5.5E-05 <sup>1</sup>	---
HAPs	2.3E-06 <sup>1</sup>	---	---	---	---

	Foam Board Production & Footer Material				
Pollutant	Foam Board	Cutting Operation	Footer Materials	Equipment Leaks	Natural Gas Burner
PM	---	0.33 <sup>4</sup>	0.19 <sup>5</sup>	---	0.08 <sup>6</sup>
CO	---	---	---	---	0.90 <sup>6</sup>
NO <sub>x</sub>	---	---	---	---	1.1 <sup>6</sup>
VOC	88.6		1.2	0.76 <sup>2</sup>	0.06 <sup>6</sup>
HAPs	1.5E-3 <sup>3</sup>		---		---

	Facility-Wide Potential Emissions
Pollutant	
PM	0.52
CO	0.90
NO <sub>x</sub>	1.1
VOC	90.66
HAPs	1.5E-03

## SECTION 2. ADMINISTRATIVE REQUIREMENTS

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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 7825 Baymeadows Way, Suite B200, 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 telephone number of the District Office is: 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256. The Permitting 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 construction and 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, 62-296 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: 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. Application for Non - Title V Permit: A completed **Application for Non Title V Air Permit Renewal** (DEP Form No. 62-210.900(4), F.A.C.), 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.  
[Rule 62-4.090, F.A.C.]
8. The facility is classified as a synthetic non-Title V facility. **Annual Operation Reports** shall be submitted to the Department in accordance with Appendix C, Common Conditions, Condition No. 10. c.(1) of this permit.  
[Rule 62-210.370, F.A.C.]

## SECTION 2. ADMINISTRATIVE REQUIREMENTS

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9. Prevention of Accidental Releases (Section 112(r) of CAA).

- a. As required by rule, inspection, or change in process the owner or operator shall submit a Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center.
- b. The owner or operator shall report to the Department of Community Affairs (DCA) within one working day of discovery of an accidental release of a regulated substance from the stationary source, if the owner or operator is required to report the release to the USEPA/Chemical Safety Hazard Investigation Board or the National Response Center under Section 112(r)(6).
- c. The owner or operator shall submit the required annual registration fee to the DCA upon initial submission of the RMP to the CEPPO RMP reporting center and on April 1 annually thereafter, in accordance with Part IV, Chapter 252, FS, and Rule 9G-21, FAC.

Any required written reports, notification, certifications, and data required to be sent to the DCA, should be sent to:

Department of Community Affairs  
Division of Emergency Management  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
Telephone: (850) 413-9921, FAX: (850) 488-1739

Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center  
Post Office Box 10162  
Fairfax, VA 22038  
Telephone: (703) 227-7650

Any required reports to be sent to the National Response Center, should be sent to:

National Response Center  
EPA Office of Solid Waste and Emergency Response  
USEPA (5305 W) 401 M Street, SW  
Washington, D.C. 20460  
Telephone: 1-800-424-8802

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### A. Foam Insulation Board Manufacturing

This section of the permit addresses the following emissions unit:

ID No.	Emission Unit Description
001	Foam Insulation Board Manufacturing  EP 01: Pour Table Exhaust Stack (VOC emissions) EP 02: Laminator Exhaust Stack (VOC emissions)

### ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. Permitted Capacity – Foam Insulation Board Production: The maximum foam board production rate shall not exceed 58,830,000 pounds in any consecutive 12-month period.

[Rule 62-210.200(PTE), F.A.C.; Permit No. 0230044-002-AF; Applicant request]

2. Permitted Capacity – Pentane Usage: The maximum pentane usage rate shall not exceed 3,700,000 pounds in any consecutive 12-month period.

[Rule 62-210.200(PTE), F.A.C.; Permit No. 0230044-002-AF; Applicant request]

3. Permitted Capacity – Footer Production: The maximum quantity of Footers produced shall not exceed 50 percent of available scrap material. The estimated percentage of foam board available for scrap material is 1.3 percent, i.e. 764, 790 pounds in any consecutive 12-month period.

[Rule 62-210.200(PTE), F.A.C.; Application No. 0230044-003-AF]

4. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), F.A.C.; Permit No. 0230044-002-AF]

### EMISSION LIMITATIONS AND STANDARDS

*{Permitting Note: Unless otherwise specified, the averaging times for these conditions are based on the specified averaging time of the applicable test method.}*

5. Volatile Organic Compound (VOC) Emissions: This emissions unit is subject to the facility-wide VOC emissions limit/cap established in Subsection C, Common Condition No. 1. of this permit.

[Rule 62-4.070(3) F.A.C.; Permit No. 0230044-002-AF]

6. This emissions unit is also subject to the Subsection C -Common Conditions of this permit.



## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

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### A. Foam Insulation Board Manufacturing

#### WORK PRACTICE STANDARDS

7. VOC (Volatile organic compound emissions or organic solvents emission): No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. The facility shall comply with, but are not limited to the following:
- a) All material containing VOC/OS's shall be stored in closed containers and/ or in small automatic closing safety cans.
  - b) All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of material,
  - c) Immediately attend to all spills as appropriate.

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

#### TESTING REQUIREMENTS

8. Performance Test – VOC Emissions: A performance test for volatile organic compounds shall be conducted at each emission point (EP01 and EP02) every 5 years, prior to operation permit renewal during the federal fiscal year (October 1 – September 30). The reference test method for VOC shall be EPA Method 25A, as described at 40 CFR Part 60, Appendix A, adopted and incorporated by reference at Rule 62-204.800, F.A.C.

[Rules 62-4.070, 62-297.310(7)(a)3., F.A.C.; , 62-297.401(25)(a), F.A.C.; Permit No. 0230044-002-AF; Application No. 0230044-003-AF]

#### NOTIFICATION, RECORDS AND REPORTS

9. Compliance Test Procedures & Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rules 62-296.401(7)(c)2., and 62-297.310(7)(a)9., F.A.C.]

10. Compliance 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.

[Rules 62-296.401(7)(c)2., and 62-297.310(8), F.A.C.]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

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#### A. Foam Insulation Board Manufacturing

11. Record Keeping: The owner or operator shall keep the following records onsite and shall be made available to the Department or for an inspector's onsite review upon request:

- Quantity of foam board produced (pounds per month and pounds/ any 12-month period)
- Amount of all VOC and hazardous air pollutants (HAP) containing process substances used (gallons)
- VOC content of all VOC containing products (Pounds/Gallon)
- HAP content of all HAP containing process substances used (pounds per gallon)
- VOC Emissions (Tons/Month and Tons/12-month period)
- Individual HAP emissions (pounds per month)
- Total HAP emissions (pounds per month)
- Pentane usage rate (pounds per month and pounds/any 12-month period)
- Quantity of scrap material generated ( pounds/month and pounds/any 12-month period)
- Quantity of Footers produced (pounds per month and pounds/any 12-month period)
- All emission factors used in determining actual VOC emissions (i.e. percent pentane loss, etc.)

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

12. Record Retention: The owner or operator shall keep records as described by Specific Condition No. 11., for at least 5 years.

[Rule 62-210.370(2), F.A.C.]

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

#### Board Cutting Operation

This section of the permit addresses the following emissions unit:

ID No.	Emission Unit Description
002	<p>Board Cutting Operations</p> <p>EP 01: Crosscut/Side Trim Saw EP 02: Gang Saw &amp; Foot Saw</p> <p>Particulate matter emissions from the crosscut/side trim saw (EP 01), and the gang saw and the foot saw (EP 02) are controlled by a baghouse manufactured by Mikropul-Mikro Pulsaire. Performance tests for VOC emissions (pentane) are determined at each Emissions Point individually prior to being vented from the baghouse stack.</p> <p>Air Pollution Control Equipment:</p> <p>One (1) Mikropul-Mikro Pulsaire Model 224-10-TRW-A Baghouse</p> <p>Cleaning Method.....Pulse jet No. of Bags.....224 Bag Dimensions.....4.5" by 12 foot long Bag Material.....16 oz. polyester (or equivalent) Total Area to Filter Media (sq. ft.).....3167 ft<sup>2</sup> Particulate Matter estimated control efficiency.....99.9%</p>

#### ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

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

[Rule 62-210.200(203), FAC,]

2. Permitted Capacity: The board cutting operations are limited by the maximum foam board production rate, i.e., a maximum not to exceed 58,830,000 pounds in any consecutive 12-month period.

[Rule 62-210.200(PTE), F.A.C.; Rule 62-4.070, F.A.C.; Permit No. 0230044-002-AF ]

#### AIR POLLUTION CONTROL EQUIPMENT

3. Baghouse: The permittee shall operate and maintain the baghouse to control particulate matter emissions and minimize opacity from the board cutting operations to achieve the emissions standards specified by this permit. The baghouse shall be maintained in good operating condition and be used at all times when the manufacturing line is operating.

[Rule 62-4.070, F.A.C.; Rule 62-4.160(2), F.A.C.]

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## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

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### Board Cutting Operation

#### EMISSION LIMITATIONS AND STANDARDS

*{Permitting Note: Unless otherwise specified, the averaging times for these conditions are based on the specified averaging time of the applicable test method.}*

4. Volatile Organic Compound (VOC) Emissions: This emissions unit is subject to the facility-wide VOC emissions limit/cap established in Subsection C, Common Condition No. 1. of this permit.

[Rule 62-4.070(3) F.A.C.; Permit No. 0230044-002-AF]

5. This emissions unit is also subject to the Subsection C -Common Conditions of this permit.

#### TESTING REQUIREMENTS

6. Performance Test – VOC Emissions: A performance test for volatile organic compounds shall be conducted at each emission point (EP01 and EP02) every 5 years, prior to operation permit renewal during the federal fiscal year (October 1 – September 30). The reference test method for VOC shall be EPA Method 25A, as described at 40 CFR Part 60, Appendix A, adopted and incorporated by reference at Rule 62-204.800, F.A.C.

[Rules 62-4.070, 62-297.310(7)(a)3., F.A.C.; , 62-297.401(25)(a), F.A.C.; Permit No. 0230044-002-AF; Application No. 0230044-003-AF]

#### NOTIFICATION, RECORDS AND REPORTS

7. Compliance Test Procedures & Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rules 62-296.401(7)(c)2., and 62-297.310(7)(a)9., F.A.C.]

8. Compliance 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.

[Rules 62-296.401(7)(c)2., and 62-297.310(8), F.A.C.]

9. Record Keeping: The owner or operator shall keep the following records onsite and shall be made available to the Department or for an inspector's onsite review upon request:

- Quantity of foam board produced (pounds per month and pounds/ any 12-month period)
- Amount of all VOC and hazardous air pollutants (HAP) containing process substances used (gallons)
- VOC content of all VOC containing products (Pounds/Gallon)
- HAP content of all HAP containing process substances used (pounds per gallon)
- VOC Emissions (Tons/Month and Tons/12-month period)
- Individual HAP emissions (pounds per month)
- Total HAP emissions (pounds per month)

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

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#### Board Cutting Operation

##### Specific Condition No. 9 Continued:

- Pentane usage rate (pounds per month and pounds/any 12-month period)
- Quantity of scrap material generated ( pounds/month and pounds/any 12-month period)
- Quantity of Footers produced (pounds per month and pounds/any 12-month period)
- All emission factors used in determining actual VOC emissions (i.e. percent pentane loss, etc.)

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

10. Record Retention: The owner or operator shall keep records as described by Specific Condition No. 9., for at least 5 years.

[Rule 62-210.370(2), F.A.C.]

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### C. Common Conditions

This section of the permit addresses the following emissions units:

ID No.	Emission Unit Description
001	Foam Insulation Board Manufacturing  EP 01: Pour Table Exhaust Stack (VOC emissions) EP 02: Laminator Exhaust Stack (VOC emissions)
002	Board Cutting Operations with baghouse  EP 01: Crosscut/Side Trim Saw EP 02: Gang Saw & Foot Saw

### ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. Facility Wide VOC Emissions: Emissions of volatile organic compounds (VOCs) shall not exceed 99.0 tons in any consecutive 12-month period.

VOC emissions shall be determined by using the emissions computing methodology in Rule 62-210.370(2), F.A.C., the EPA Method 25A performance testing results as required in Subsection A, Condition No. 8., actual foam board production, actual pentane usage, actual footer material production, estimated VOC emissions due to equipment leaks, and VOC storage tank emissions using the best available VOC emission factors.

[Rule 62-4.070(3) F.A.C.; Permit No. 0230044-002-AF]

2. 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 discharge 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 Ringelmann Chart (20% opacity). Compliance shall be determined by EPA Method 9 upon Department's request, incorporated and adopted by reference in Rule 62-297, F.A.C.

[Rule 62-296.320(4)(b) 1., F.A.C.]

### NOTIFICATION, RECORDS AND REPORTS

3. Quarterly Reports: Quarterly reports shall be submitted to the Department describing the monthly usage of all VOC and HAP containing products; the VOC and HAP content of all products; the monthly total VOC and HAP emissions; the quantity of footer material produced, and the quantity of foam board produced. The reports shall include all emission calculations, assumptions, and emission factors. The quarterly reports shall be submitted by the 15<sup>th</sup> day of the following month after the end of each quarter (January-March, April-June, July-September, and October-December). The final report, which is due by the 15th of January for the quarter October -December, shall include a synopsis of the preceding year.

[Rule 62-4.070(3), F.A.C.; Permit No. 0230044-002-AF]

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

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### C. Common Conditions

#### TESTING REQUIREMENTS

4. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

[Rule 62-297.310(7)(b), F.A.C.]