



Florida Department of  
Environmental Protection  
Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

## FINAL PERMIT

### PERMITTEE

Life-Like Acquisitions, Inc.  
dba Lifoam Industries, LLC  
2601 Anvil Street  
St. Petersburg, FL 33710

Authorized Representative:  
Mr. Ronald R. Hess, General Manager

Air Permit No. 1030214-013-AF  
Permit Expires: 06/19/2017  
Site Name: Lifoam Industries, LLC  
Federally Enforceable State Operating  
Permit (FESOP)  
Operation Permit Renewal

This is the final permit to renew Air Operation Permit No. 1030214-012-AF, for the polystyrene compression molding operation at the Lifoam Industries, LLC (Standard Industrial Classification No. 3086) facility located in Pinellas County at 2601 Anvil Street in St. Petersburg, Florida. The UTM coordinates are Zone 17, 328.843 km East, and 3075.77 km North.

This final permit is organized by the following sections:

- Section 1. General Information
- Section 2. Administrative Requirements and Facility-Wide Specific Conditions
- 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 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.

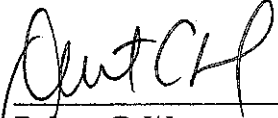
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of 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 Hillsborough County, Florida

  
Robert C. Wong  
District Air Program Administrator  
Southwest District

6/19/12  
Effective Date

### 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 6/19/12 to the persons listed below.

Mr. Ronald R. Hess, Lifoam Industries, LLC  
(rhess@lifoam.com)

Mr. Tom John, P.E., Tom John, P.E., Incorporated  
(tjengr@msn.com)

Mr. Gary Robbins, Pinellas County Air Quality Division  
(grobbins@co.pinellas.fl.us)

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.

Carol J. Moore 6/19/12  
(Clerk) (Date)

## SECTION 1. GENERAL INFORMATION (FINAL)

### FACILITY AND PROJECT DESCRIPTION

The facility manufactures polystyrene sheets, forms, and containers. Polystyrene beads are first processed through one of two (2) bead pre-expander machines, in which steam is used to pre-expand the beads. The pre-expanded beads are then conveyed to a fabric holding bag for aging prior to entering the compression molding machines. Upon entering one of the compression molding machines, the pre-expanded beads are fed into the cavity of the mold. Steam is introduced into the molding machines, further expanding the pre-expanded polystyrene beads. Compressive forces mold the expanded beads into a final product. Pentane gas contained in the polystyrene beads is released to the atmosphere during the expansion, aging, molding, and product storage processes.

The steam for the pre-expanders and compression molders is produced by a natural gas fired process steam boiler (*see Exempt Emission Units/Activities below*).

The existing facility consists of the following emissions unit (EU)\*.

Facility ID No. 1030214	
EU ID No.	Emission Unit (EU) Description
001	Polystyrene Bead Expansion and Molding Process

(\***EU Note** – EU No. 003 was previously assigned to the process steam boiler at this facility. This boiler is exempt from air permitting by rule (*see Exempt Emission Units/Activities below*), and has been removed from the permitted emission unit section of the permit.)

**NOTE** - Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

### Exempt Emission Units/Activities

The emission from the following emission sources at this facility are deemed insignificant and exempt from permitting:

- VOC emissions from the usage of equipment cleanup solvents (expected to be less than 250 pounds/year), exempt from permitting per Rule 62-4.040(1)(b), F.A.C.\*;
- four (4) Lawson IMP Printers, exempt from permitting per Rule 210.300(3)(b), F.A.C.;
- two (2) double pass electric dry tunnels, exempt from permitting per Rule 210.300(3)(b), F.A.C.; and
- a 400 HP (16.324 MMBtu/hour) Cleaver-Brooks Model CBLE700-400-150 process steam boiler (Boiler No. 2 (*this boiler replaced the previous Boiler No. 1*)), equipped with low-NOx burners and fired exclusively on natural gas, exempt from permitting per Rule 62-210.300(3)(a)34., F.A.C. (conditional exemption for fossil fuel fired steam generators).

*(Boiler Federal Rule Applicability Note - This boiler is subject to Federal NSPS 40 CFR 60 Subpart Dc – (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), as it applies to boiler fired with natural gas only. Subpart Dc contains only fuel recordkeeping requirements for natural gas fired boilers.)*

\* **Note** - Exemptions under Rule 62-4.040(1)(b), F.A.C., may be revoked if the installation is substantially modified or the basis for the exemption is determined to be materially incorrect.