



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: May 5, 2006
RE: FlexForm Technologies, Inc. / 039-22922-00516
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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100 North Senate Avenue
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Mr. Douglas L. Evans
FlexForm Technologies, Inc.
4955 Beck Drive
Elkhart, Indiana 46516

May 5, 2006

Re: 039-22922-00516
Exempt Construction and Operation Status
Previously Operating under E039-19935-00516

Dear Mr. Evans:

FlexForm Technologies, Inc. was issued an exemption, E039-10746-00516 on May 3, 1999 for a non-woven mat production plant. On January 26, 2005, E039-19935-00516 was issued to reflect changes that occurred at the source. A letter notifying the Office of Air Quality of a change in plant location, authorized individual, and to clarify control filters nomenclature was received on April 5, 2006. Pursuant to the provisions of 326 2-5.5 the permit is hereby revised as follows:

Mr. Gary Balthes was previously recognized as the authorized individual. Due to a staffing change at FlexForm Technologies, Inc., Mr. Douglas L. Evans was designated the new authorized individual. Mr. Evans meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual.

The original exemption letters, 039-10746 and 039-19935, identified the plant location as 4638 Beck Drive, Elkhart, Indiana, 46516 and the mailing address as 26690 Pleasant Place, Elkhart, Indiana, 46514. FlexForm Technologies, Inc. has requested that 4955 Beck Drive, Elkhart Indiana 46516 be identified as the original plant location and current mailing address. The 4955 Beck Drive address has been the address since it began operation but was incorrectly identified in the previous exemptions issued.

FlexForm Technologies, Inc. has requested that HEPA be removed when referring to the particulate filter controls since the filters being used are not certified as HEPA filters. This change does not affect the emissions for the source, since the particulate removal efficiency of the filters remains the same. All references will be shown as "the filters".

- (a) A non-woven mat production plant, constructed in 1999 and modified in 2005, which has a maximum usage rate of 3,837 pounds of fibers per hour and uses ~~HEPA~~ **the filters** for particulate control. The production process involves blending, carding, crosslapping, needle punching, cutting and trimming. It also includes one (1) natural gas-fired pre-contact oven, with a heat input of 1 million British Thermal Units per hour (~~mm~~ **MMBtu/hr**) and a second contact oven, with a heat input of 1 ~~mm~~ **MMBtu/hr**. The mat is used for side panels in cars.

The Permittee shall operate the ~~HEPA~~ **the filters** at all times the production lines are in operation to be in compliance with 326 IAC 6-3-2.

The exemption, 039-22922-00516, shall supersede the previous approvals issued to the source.

FlexForm Technologies, Inc.
Elkhart, Indiana
Permit Reviewer: Gary Freeman

Page 2 of 2
039-22922-00516

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gary Freeman, at (800) 451-6027, press 0 and ask for Gary Freeman or extension 3-5334, or dial (317) 233-5334.

Sincerely,

Original signed by
Nysa L. James, Section Chief
Permits Branch
Office of Air Quality

NLJ/gkf

cc: File - Elkhart County
Elkhart County Health Department
Air Compliance Section Inspector: Paul Karkiewicz
Permit Review Section 1- Gary Freeman
Billing, Licensing and Training Section - Chet Bohannon
IDEM Northern Regional Office



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Mr. Douglas L. Evans
FlexForm Technologies, Inc.
4955 Beck Drive
Elkhart, Indiana 46516

May 5, 2006

Dear Mr. Evans:

Re: Exempt Construction and Operation Status,
039-22922-00516

The application from FlexForm Technologies, Inc., received on April 5, 2006, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.1-1, it has been determined that the following operation located at 4955 Beck Drive, Elkhart, Indiana, is classified as exempt from air pollution permit requirements:

- (a) A non-woven mat production plant, constructed in 1999 and modified in 2005, which has a maximum usage rate of 3,837 pounds of fibers per hour and uses filters for particulate control. The production process involves blending, carding, crosslapping, needle punching, cutting and trimming. It also includes one (1) natural gas-fired pre-contact oven, with a heat input of 1 million British Thermal Units per hour (MMBtu/hr) and a second contact oven, with a heat input of 1 MMBtu/hr. The mat is used for side panels in cars.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following:
 - (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
2. Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the existing mat production line shall not exceed 6.1 pounds per hour when operating at a maximum process weight rate of 1.82 tons per hour.

The new mat production line shall also be subject to the requirements of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes). The allowable particulate emission rate from the new mat production line shall not exceed 0.88 pounds per hour when operating at a maximum process weight rate of 0.1 tons per hour.

The pounds per hour limitation was calculated using the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

The Permittee shall operate the HEPA filters at all times the production lines are in operation to be in compliance with 326 IAC 6-3-2.

The source shall not be subject to 326 IAC 2-7 (Part 70 Operating Permit) requirements.

This exemption is the third air approval issued to the source. The source shall operate in compliance with this approval which supersedes Exempt Construction and Operation Status No. 039-19935 and 039-10746-00516.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Original signed by
Nysa L. James, Section Chief
Permits Branch
Office of Air Quality

NLJ/gkf

cc: File - Elkhart County
Elkhart County Health Department
Air Compliance Section Inspector – Paul Karkiewicz
Permit Review Section 1 – Gary Freeman
Billing, Licensing and Training Section – Chet Bohannon
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