



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: October 25, 2005

RE: Home Mountain Publishing Company, Inc. / 127-21868-00107

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Registration

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 IC 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

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 of 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
FN-REGIS.dot 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

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October 25, 2005

Mr. Doug Wilks
Home Mountain Publishing Company, Inc.
3602 Enterprise Drive
Valparaiso, IN 46383

Re: Registered Construction and Operation Status,
127-21868-00107

Dear Mr. Wilks:

The application from Home Mountain Publishing Company, Inc., received on October 12, 2005, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following stationary commercial lithographic printing source, to be located at 3602 Enterprise Drive, Valparaiso, IN 46383, is classified as registered:

- (a) one (1) Komori 6 non-heatset offset lithographic printing press, identified as Press 1, with a maximum throughput of fifteen thousand (15,000) sheets per hour, a maximum printing length of twenty (20) inches, and a maximum printing width of twenty-eight (28) inches;
- (b) one (1) Heidelberg Quickmaster 2 non-heatset offset lithographic printing press, identified as Press 2, with a maximum throughput of ten thousand (10,000) sheets per hour, a maximum printing length of eighteen (18) inches, and a maximum printing width of thirteen (13) inches;
- (c) one (1) Heidelberg 2 non-heatset offset lithographic printing press, identified as Press 3, with a maximum throughput of twelve thousand (12,000) sheets per hour, a maximum printing length of twenty (20) inches, and a maximum printing width of twenty-eight (28) inches; and
- (d) one (1) Goss Community non-heatset offset lithographic printing press, identified as Press 4, with a maximum line speed of seventy-five (75) feet per minute, and a maximum printing width of thirty-five (35) inches.

The following conditions shall be applicable:

- (a) 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:
 - (1) 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.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (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.
- (b) Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

This registration is the first registration issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

**Compliance Data Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46204**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

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. If you have any questions on this matter, please contact Nathan C. Bell, OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46206, at 317-234-3350 or at 1-800-451-6027 (ext 43350).

Sincerely,
Original signed by

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

ncb

cc: File - Porter County
Porter County Health Department
IDEM Northwest Regional Office
Air Compliance - Michael Hall
Permit Tracking
Compliance Data Section
Administrative and Development

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3)

Company Name:	Home Mountain Publishing Company, Inc.
Address:	3602 Enterprise Drive
City:	Valparaiso, IN 46383
Authorized individual:	Larry Klemz
Phone #:	(219) 462-6601
Registration #:	127-21868-00107

I hereby certify that Home Mountain Publishing Company, Inc. is still in operation and is in compliance with the requirements of Registration 127-21868-00107.

Name (typed):
Title:
Signature:
Date:

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Registration

Source Background and Description

Source Name: Home Mountain Publishing Company, Inc.
Source Location: 3602 Enterprise Drive, Valparaiso, IN 46383
County: Porter
SIC Code: 2752 (Manufacturing: Commercial Printing, Lithographic)
Application No.: 127-21868-00107
Reviewer: Nathan C. Bell

On October 12, 2005, the Office of Air Quality (OAQ) received an application from Home Mountain Publishing Company, Inc. relating to the construction and operation of a stationary commercial lithographic printing source.

New Emission Units and Pollution Control Equipment

The application includes information relating to the construction and operation of the following:

- (a) one (1) Komori 6 non-heatset offset lithographic printing press, identified as Press 1, with a maximum throughput of fifteen thousand (15,000) sheets per hour, a maximum printing length of twenty (20) inches, and a maximum printing width of twenty-eight (28) inches;
- (b) one (1) Heidelberg Quickmaster 2 non-heatset offset lithographic printing press, identified as Press 2, with a maximum throughput of ten thousand (10,000) sheets per hour, a maximum printing length of eighteen (18) inches, and a maximum printing width of thirteen (13) inches;
- (c) one (1) Heidelberg 2 non-heatset offset lithographic printing press, identified as Press 3, with a maximum throughput of twelve thousand (12,000) sheets per hour, a maximum printing length of twenty (20) inches, and a maximum printing width of twenty-eight (28) inches; and
- (d) one (1) Goss Community non-heatset offset lithographic printing press, identified as Press 4, with a maximum line speed of seventy-five (75) feet per minute, and a maximum printing width of thirty-five (35) inches.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Existing Approvals

No previous air approvals have been issued to this source.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the application be approved as a registration. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on October 12, 2005.

Emission Calculations

See Appendix A of this TSD for detailed emissions calculations (Appendix A, page 1 of 1).

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit (PTE) is defined as “the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, the department, or the appropriate local air pollution control agency.”

Pollutant	Potential To Emit (tons/year)
PM	0
PM-10	0
SO ₂	0
NO _x	0
VOC	12.90
CO	0

HAP's	Potential To Emit (tons/year)
Glycol Ethers	0.18
Cumene	0.05
Xylenes	0.10
Ethylene Glycol	0.03
TOTAL HAPs	0.37

- (a) The PTE (as defined in 326 IAC 2-1.1-1(16)) of regulated criteria pollutants are less than twenty-five (25) tons per year, but the PTE of particulate matter (PM or PM-10) is greater than five (5) tons per year and/or the PTE of all other regulated criteria pollutants are greater than ten (10) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-5.5. A registration will be issued.
- (b) The PTE (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

County Attainment Status

The source is located in Porter County.

Pollutant	Status
PM10	Attainment or Unclassifiable
PM2.5	Nonattainment
SO ₂	Attainment or Unclassifiable
1-Hour Ozone	Severe Nonattainment
8-Hour Ozone	Moderate Nonattainment
CO	Attainment or Unclassifiable
NO ₂	Attainment or Unclassifiable
Lead	Attainment or Unclassifiable

- (a) Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone.
- (1) On January 26, 1996 in 40 CFR 52.777(i), the U.S. EPA granted a waiver of the requirements of Section 182(f) of the CAA for Lake and Porter Counties, including the lower NO_x threshold for nonattainment new source review. Therefore, VOC emissions alone are considered when evaluating the rule applicability relating to the 1-hour ozone standards. Porter County has been designated as severe nonattainment in Indiana for the 1-hour ozone standard. Therefore, VOC emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3. See the State Rule Applicability for the source section.
- (2) VOC and NO_x emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. Porter County has been designated as moderate nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3. See the State Rule Applicability for the source section.
- (b) Porter County has been classified as nonattainment for PM_{2.5}. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM 2.5 emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM_{2.5} emissions, it has directed states to regulate PM₁₀ emissions as surrogate for PM_{2.5} emissions. See the State Rule Applicability for the source section.
- (c) Porter County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.
- (d) Fugitive Emissions
Since this type of operation is not in one of the 28 listed source categories under 326 IAC 2-2 or 2-3 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Source Status

New Source PSD and Emission Offset Definition (emissions after controls, based on 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/yr)
PM	0
PM-10	0
SO ₂	0
NO _x	0
VOC	12.90
CO	0
Worst Single HAP	0.18
Combination HAPs	0.37

- (a) This new source is not a major PSD stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or greater and it is not in one of the 28 listed source categories. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- (b) This new source is not a Emission Offset major stationary source because no regulated nonattainment pollutant is emitted at a rate of 100 tons per year or greater. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This new source is not subject to the Part 70 Permit requirements because the PTE of:

- (a) each criteria pollutant is less than 100 tons per year,
- (b) a single hazardous air pollutant (HAP) is less than 10 tons per year, and
- (c) any combination of HAPs is less than 25 tons/year.

This status is based on the potential to emit calculations of the source (see Appendix A).

Federal Rule Applicability

- (a) Each of the printing presses at this source are not subject to the requirements of 326 IAC 12 or 40 CFR 60, Subpart QQ (60.430 through 60.435), Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing, since they are not rotogravure printing presses. The printing presses at this source are lithographic printing presses.
- (b) This source is not subject to the requirements of 326 IAC 12 or 40 CFR 60, Subpart RR (60.440 through 60.447), Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations, because this source does not contain coating lines used in the manufacture of pressure sensitive tape and label materials. This source performs commercial lithographic printing on paper.
- (c) This source is not subject to the requirements of 326 IAC 12 or 40 CFR 60, Subpart FFF (60.580 through 60.585), Standards of Performance for Flexible Vinyl and Urethane Coating and Printing, because this source does not contain any rotogravure printing lines used to print or coat flexible vinyl or urethane products. This source performs commercial lithographic printing on paper.

- (d) This source is not subject to the requirements of 326 IAC 12 or 40 CFR 60, Subpart VVV (60.740 through 60.748), Standards of Performance for Polymeric Coating of Supporting Substrates Facilities, because this source does not perform polymeric coating of supporting substrates, defined as web coating process that apply elastomers, polymers, or prepolymers to a supporting web other than paper, plastic film, metallic foil, or metal coil (40 CFR 60.741). This source performs commercial lithographic printing on paper.
- (e) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source.
- (f) This source is not subject to the requirements of 40 CFR Part 63, Subpart KK, NESHAPs for Printing and Publishing Industry (63.820 through 63.831) (326 IAC 20-18-1), because this source does not contain rotogravure or wide-web flexographic printing presses and is not a major source of HAPs as defined in 40 CFR 63.2. This source contains lithographic printing presses.
- (g) This source is not subject to the requirements of 40 CFR Part 63, Subpart JJJJ, NESHAPs for Paper and Other Web Coating (63.3280 through 63.3420) (326 IAC 20-65-1), because this source is not a major source of HAPs as defined in 40 CFR 63.2.
- (h) This source is not subject to the requirements of 40 CFR 63 Subpart OOOO, NESHAP for Printing, Coating, and Dyeing of Fabrics and Other Textiles (63.4280 through 63.4371) (326 IAC 20-77-1), because this source does not perform printing, coating, or dyeing of fabrics or other textiles as defined in 40 CFR 63.4371 and is not a major source of HAPs as defined in 40 CFR 63.2. This source performs commercial lithographic printing on paper.
- (i) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14, 20 and 40 CFR Part 61, 63) included in the permit for this source.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

This source was constructed after the applicability date of August 7, 1977, however, it is not one of the 28 listed source categories defined in 326 IAC 2-2-1(y)(1), no major modifications were done to this source, and the uncontrolled potential to emit of all attainment regulated pollutants is less than 250 tons per year. Therefore, the requirements of 326 IAC 2-2 (PSD) are not applicable.

326 IAC 2-3 (Emission Offset)

The requirements of 326 IAC 2-3 (Emission Offset) apply to major sources or major modifications constructed in an area designated as non-attainment. This source is located in Porter County, which is classified as severe nonattainment for 1-hour ozone and moderate nonattainment for 8-hour ozone. This source is not an Emission Offset major stationary source because no nonattainment regulated pollutant (other than VOC) is emitted at a rate greater than or equal to 100 tons per year and VOCs are not emitted at a rate greater than or equal to 25 tons per year. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements are not applicable.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The requirements of 326 IAC 2-4.1 are not applicable to this source, since the potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year.

326 IAC 2-6 (Emission Reporting)

This source, which is located in Porter County, is not subject to 326 IAC 2-6 (Emission Reporting), because it is not required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, does not emit VOC or NOx into the ambient air at levels equal to or greater than 25 tons per year, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year.

326 IAC 5-1 (Opacity Limitations)

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, unless otherwise stated in this permit:

- (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 fifteen (15) minutes (sixty (60) readings) in a six (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.

326 IAC 6-4 (Fugitive Dust Emissions Limitations)

Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

326 IAC 8-7-2 (Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties)

This source, which is located in Porter County, is not subject to 326 IAC 8-7-2, because it does not have the potential to emit VOCs at levels equal to or greater than 25 tons per year.

State Rule Applicability - Individual Facilities

326 IAC 8-1-6 (VOC rules: General Reduction Requirements for New Facilities)

The requirements of 326 IAC 8-1-6 are not applicable, since each of the emission units at this source does not have the potential to emit greater than twenty-five (25) tons of VOCs per year.

State Rule Applicability - Lithographic Printing Presses

326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-1(b)(14), each of the lithographic printing presses is exempt from the requirements of 326 IAC 6-3, because the potential particulate emissions are less than five hundred fifty-one thousandths (0.551) pound per hour.

Conclusion

The operation of these facilities shall be subject to the conditions of the attached registration, No 127-21868-00107.