



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: September 6, 2006
RE: Dutchmen Manufacturing, Inc. Bristol / 039-22540-00649
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

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 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require 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
FNPER.dot 03/23/06



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**New Source Construction and
 Minor Source Operating Permit
 OFFICE OF AIR QUALITY**

**Dutchmen Manufacturing, Inc. - Bristol Freedom Line
 705 Division St.
 Bristol, Indiana 46507**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-5.1, applicable to those conditions.

Operation Permit No.: 039-22540-00649	
Issued by:	Issuance Date: September 6, 2006
Original signed by Nisha Sizemore, Branch Chief Office of Air Quality	Expiration Date: September 6, 2011

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

The Permittee owns and operates a travel trailer manufacturing source.

Authorized Individual:	President
Source Address:	705 Division St., Bristol, IN 46507
Mailing Address:	2164 Caragana Ct., Goshen, IN 46526
General Source Phone Number:	(574) 534-1224
SIC Code:	3792
County Location:	Elkhart
Source Location Status:	Nonattainment for ozone based on the 8-hour standard Attainment for all other criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) chassis and floor preparation area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: chassis and floors for 1.5 travel trailers per hour.
- (b) One (1) cabinet and mill area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, with a maximum capacity of 1.5 travel trailers per hour and 0.798 tons of wood, luan, panelboard, plywood and stiles per hour, total, with all woodworking operations exhausting to a cyclone dust collector, identified as D/C, and exiting at stack D/C, or a portable backup baghouse, identified as BH2 and exhausting to stack BH2, when a process is moved temporarily from its location, consisting of the following:
 - (1) Two (2) table saws;
 - (2) Three (3) radial arm saws;
 - (3) One (1) pin router;
 - (4) Eight (8) chop saws; and
 - (5) Three (3) band saws.
- (c) One (1) slide-out assembly area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, maximum capacity: 1.5 travel trailers per hour.
- (d) One (1) unit assembly area, constructed in 2005/2006, spray cans and non-spray methods to apply materials, equipped with one (1) chop/miter saw for PVC pipes exhausting to one (1) of the two (2) portable baghouses, identified as BH1 and BH2, and exiting at stack BH1 or BH2,

capacity: 1.5 travel trailers and 0.007 tons of PVC pipes per hour.

- (e) One (1) final finish area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: 1.5 travel trailers per hour.
- (f) Two (2) natural gas-fired air circulators, constructed in 2005/2006, heat input capacity: 0.60 million British thermal units per hour, each.
- (g) Two (2) radiant heaters, constructed in 2005/2006, heat input capacity: 0.15 million British thermal units per hour, each.
- (h) One (1) above ground storage tank for gasoline, constructed in 2005/2006, with a maximum throughput of 2.5 tons per year, capacity: 250 gallons.
- (i) Two (2) stick welding stations, constructed in 2005/2006, capacity: 0.06 pounds per stick and 2.0 sticks per hour, each.

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, 039-22540-00649, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification

- (a) Where specifically designated by this permit or required by an applicable requirement, any

application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) an "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Compliance Branch, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.10 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to 039-22540-00649 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

B.12 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least ninety (90) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.13 Permit Renewal [326 IAC 2-6.1-7]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
 - (1) Submitted at least ninety (90) days prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final

action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.14 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.15 Source Modification Requirement

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.16 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.17 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.18 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.19 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 Opacity [326 IAC 5-1]

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, 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 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.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee 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 (Fugitive Dust Emissions).

C.7 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted by using ambient air quality modeling pursuant to 326 IAC 1-7-4.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control

The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet

on all facility components.

- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.9 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

C.11 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already

legally required shall be implemented when operation begins.

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps

C.13 Response to Excursions or Exceedances

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The

Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.15 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.16 General Record Keeping Requirements.[326 IAC 2-6.1-5]

-
- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
 - (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

-
- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (e) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Bristol Freedom Line

- (a) One (1) chassis and floor preparation area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: chassis and floors for 1.5 travel trailers per hour.
- (b) One (1) cabinet and mill area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, with a maximum capacity of 1.5 travel trailers per hour and 0.798 tons of wood, luan, panelboard, plywood and stiles per hour, total, with all woodworking operations exhausting to a cyclone dust collector, identified as D/C, and exiting at stack D/C, or a portable backup baghouse, identified as BH2 and exhausting to stack BH2, when a process is moved temporarily from its location, consisting of the following:
 - (1) Two (2) table saws;
 - (2) Three (3) radial arm saws;
 - (3) One (1) pin router;
 - (4) Eight (8) chop saws; and
 - (5) Three (3) band saws.
- (c) One (1) slide-out assembly area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, maximum capacity: 1.5 travel trailers per hour.
- (d) One (1) unit assembly area, constructed in 2005/2006, spray cans and non-spray methods to apply materials, equipped with one (1) chop/miter saw for PVC pipes exhausting to one (1) of the two (2) portable baghouses, identified as BH1 and BH2, and exiting at stack BH1 or BH2, capacity: 1.5 travel trailers and 0.007 tons of PVC pipes per hour.
- (e) One (1) final finish area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: 1.5 travel trailers per hour.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]

Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), the surface coating applied to wood furniture and cabinets shall utilize one of the following application methods:

Airless Spray Application
Air Assisted Airless Spray Application
Electrostatic Spray Application
Electrostatic Bell or Disc Application
Heated Airless Spray Application
Roller Coating
Brush or Wipe Application
Dip-and-Drain Application

High Volume Low Pressure (HVLP) Spray Application is an accepted alternative method of application

for Air Assisted Airless Spray Application. HVLP spray is the technology used to apply coating to substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

The VOC usage when cleaning or applying coatings, sealants, solvents, or adhesives to plastic, glass, rubber, fiberglass, PVC, and wood parts, other than wood furniture and cabinets, at the Bristol Freedom Line, including the chassis and floor preparation, cabinet and mill, slide-out assembly, unit assembly and final finish shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. This shall limit the potential VOC emissions to less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 8-1-6 are not applicable.

D.1.3 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the woodworking operations at the one (1) cabinet and mill area shall not exceed 3.52 pounds per hour when operating at a process weight rate of 0.798 tons per hour.

The pounds per hour limitation was calculated with 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:

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

D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities.

Compliance Determination Requirements

D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC usage limitations contained in Condition D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.6 Particulate Control

- (a) In order to comply with Condition D.1.3, the cyclone dust collector, identified as D/C, and/or the portable backup baghouse, identified as BH2, for particulate control shall be in operation and control emissions from the woodworking operations at the one (1) cabinet and mill area at all times that any of the woodworking operations at the one (1) cabinet and mill area are in operation.
 - (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.
-

Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.7 Visible Emissions Notations

- (a) Visible emission notations of the woodworking operations at the one (1) cabinet and mill area stack exhausts (stacks D/C and BH2) shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.8 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the woodworking operations at the one (1) cabinet and mill area when venting to the atmosphere. A baghouse inspection shall be performed within three (3) months of redirecting vents to the atmosphere and every three (3) months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.1.9 Broken or Failed Bag Detection

- (a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced.
- (b) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit.

Bag failure can be indicated by a significant drop in the baghouse's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

D.1.10 Cyclone Inspections

An inspection shall be performed each calendar quarter of all cyclones controlling the woodworking operations at the one (1) cabinet and mill area when venting to the atmosphere. A cyclone inspection shall be performed within three (3) months of redirecting vents to the atmosphere and every three (3) months thereafter. Inspections are optional when venting to the indoors.

D.1.11 Cyclone Failure Detection

- (a) For a cyclone controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced.

- (b) For a cyclone controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.12 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.2, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limit established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
 - (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (3) The cleanup solvent usage for each month;
 - (4) The total VOC usage for each month for each production line and total; and
 - (5) The weight of VOCs emitted for each compliance period.
- (b) To document compliance with Condition D.1.7, the Permittee shall maintain records of daily visible emission notations of the woodworking operations at the one (1) cabinet and mill area stack exhausts.
- (b) To document compliance with Conditions D.1.8 and D.1.10, the Permittee shall maintain records of the results of the inspections required under Conditions D.1.8 and D.1.10 and the dates the vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.13 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

MSOP Quarterly Report

Source Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Source Address: 705 Division St., Bristol, IN 46507
Mailing Address: 2164 Caragana Ct., Goshen, IN 46526
MSOP No.: MSOP 039-22540-00649
Facility: Bristol Freedom Line, including the chassis and floor preparation, cabinet and mill, slide-out assembly, unit assembly and final finish
Parameter: VOC usage when cleaning or applying coatings, sealants, solvents, or adhesives to plastic, glass, rubber, fiberglass, PVC, and wood parts, other than wood furniture and cabinets
Limit: less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage (tons)	VOC Usage (tons)	VOC Usage (tons)
	This Month	Previous 11 Months	12 Month Total

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address:	705 Division St.
City:	Bristol
Phone #:	(574) 534-1224
MSOP #:	039-22540-00649

I hereby certify that Dutchmen Manufacturing, Inc. - Bristol Freedom Line is

- still in operation.
- no longer in operation.

I hereby certify that Dutchmen Manufacturing, Inc. - Bristol Freedom Line is

- in compliance with the requirements of MSOP 039-22540-00649.
- not in compliance with the requirements of MSOP 039-22540-00649.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-6865**

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF 'MALFUNCTION' AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: _____ PHONE NO. () _____
LOCATION: (CITY AND COUNTY) _____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP: _____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: ____/____/20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____/____/20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

**Indiana Department of Environmental Management
Office of Air Quality**

**Technical Support Document (TSD) for a New Source Construction and
Minor Source Operating Permit**

Source Background and Description

Source Name:	Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Source Location:	705 Division St., Bristol, IN 46507
County:	Elkhart
SIC Code:	3792
Operation Permit No.:	MSOP 039-22540-00649
Permit Reviewer:	CarrieAnn Paukowits

The Office of Air Quality (OAQ) has reviewed an application from Dutchmen Manufacturing, Inc. - Bristol Freedom Line relating to the operation of a travel trailer manufacturing source.

Source Definition

This source is approximately five (5) miles from the nearest Dutchmen Manufacturing, Inc. plant (Wild Thing & T@B Plant), which produces a different type of trailer unit. Therefore, the two (2) plants are not considered a single source.

Permitted Emission Units and Pollution Control Equipment

There are no permitted emission units operating at this source during this review process.

Unpermitted Emission Units and Pollution Control Equipment

The source also consists of the following unpermitted emission units:

- (a) One (1) chassis and floor preparation area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: chassis and floors for 1.5 travel trailers per hour.
- (b) One (1) cabinet and mill area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, with a maximum capacity of 1.5 travel trailers per hour and 0.798 tons of wood, luan, panelboard, plywood and stiles per hour, total, with all woodworking operations exhausting to a cyclone dust collector, identified as D/C, and exiting at stack D/C, or a portable backup baghouse, identified as BH2 and exhausting to stack BH2, when a process is moved temporarily from its location, consisting of the following:
 - (1) Two (2) table saws;
 - (2) Three (3) radial arm saws;
 - (3) One (1) pin router;
 - (4) Eight (8) chop saws; and
 - (5) Three (3) band saws.

- (c) One (1) slide-out assembly area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, maximum capacity: 1.5 travel trailers per hour.
- (d) One (1) unit assembly area, constructed in 2005/2006, spray cans and non-spray methods to apply materials, equipped with one (1) chop/miter saw for PVC pipes exhausting to one (1) of the two (2) portable baghouses, identified as BH1 and BH2, and exiting at stack BH1 or BH2, capacity: 1.5 travel trailers and 0.007 tons of PVC pipes per hour.
- (e) One (1) final finish area, constructed in 2005/2006, using spray cans and non-spray methods to apply materials, capacity: 1.5 travel trailers per hour.
- (f) Two (2) natural gas-fired air circulators, constructed in 2005/2006, heat input capacity: 0.60 million British thermal units per hour, each.
- (g) Two (2) radiant heaters, constructed in 2005/2006, heat input capacity: 0.15 million British thermal units per hour, each.
- (h) One (1) above ground storage tank for gasoline, constructed in 2005/2006, with a maximum throughput of 2.5 tons per year, capacity: 250 gallons.
- (i) Two (2) stick welding stations, constructed in 2005/2006, capacity: 0.06 pounds per stick and 2.0 sticks per hour, each.

New Emission Units and Pollution Control Equipment

There are no proposed emission units during this review process.

Existing Approvals

There were no previous permits issued for this source.

Enforcement Issue

- (a) IDEM is aware that equipment has been constructed and operated prior to receipt of the proper permit. The subject equipment is listed in this Technical Support Document under the condition entitled "Unpermitted Emission Units and Pollution Control Equipment".
- (b) IDEM is reviewing this matter and will take appropriate action. This proposed permit is intended to satisfy the requirements of the construction permit rules.

Stack Summary

Stack ID	Operation	Height (ft)	Diameter (ft)	Flow Rate (acfm)	Temperature (°F)
D/C	Cabinet and Mill Woodworking	26.5	1.7	5,100	Ambient
BH1	Unit Assembly Area PVC pipe cutting	22.0	4.13	1,200	Ambient
BH2	Backup for Cabinet and Mill Area woodworking and Unit Assembly Area PVC pipe cutting	22.0	4.13	1,200	Ambient

Recommendation

The staff recommends to the Commissioner that the construction and operation be approved. 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 January 12, 2006, with additional information received on May 15, 18 and 22, 2006.

Emission Calculations

See pages 1 through 6 of Appendix A of this document for detailed emission calculations.

Potential to Emit of the Source Before Controls

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit 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/yr)
PM	46.2
PM ₁₀	46.3
SO ₂	0.004
VOC	49.5
CO	0.552
NO _x	0.657

HAPs	Potential to Emit (tons/yr)
Toluene	1.24
Hexane	0.494
MEK	4.36
MDI	0.789
Xylene	0.461
Cumene	0.181
Manganese	0.001
Total	7.53

- (a) The potential to emit of PM, PM₁₀ and VOC is greater than twenty-five (25) tons per year, the potential to emit all criteria pollutants is less than one hundred (100) tons per year, and the potential to emit HAPs is less than ten (10) tons per year of each individual HAP and twenty-five (25) tons per year of total HAPs. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. An MSOP will be issued.
- (b) **Fugitive Emissions**
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 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.

County Attainment Status

The source is located in Elkhart County.

Pollutant	Status
PM _{2.5}	attainment
PM ₁₀	attainment
SO ₂	attainment
NO ₂	attainment
1-Hour Ozone	attainment
8-Hour Ozone	nonattainment
CO	attainment
Lead	attainment

- (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. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Elkhart County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements of 326 IAC 2-3, Emission Offset. See the State Rule Applicability - Entire Source section of this document.
- (b) Elkhart County has been classified as unclassifiable or attainment 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 a surrogate for PM_{2.5} emissions. See the State Rule Applicability - Entire Source section of this document.
- (c) Elkhart County has been classified as attainment or unclassifiable in Indiana for all remaining 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 - Entire Source section of this document.

Source Status

New Source PSD 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	19.5
PM ₁₀	19.5
SO ₂	0.004
VOC	34.6
CO	0.552
NO _x	0.657
Single HAP (MEK)	4.36
Combination HAPs	7.53

- (a) This new source is not a major stationary source because NO_x and VOC are not emitted at a rate of one-hundred (100) tons per year or greater, and no attainment pollutant is emitted at a rate of two hundred-fifty (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, and pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.
- (b) These emissions are equivalent to the potential to emit after issuance of this permit. The PM emissions are limited by 326 IAC 6-3-2, which are higher than the potential emissions after controls. Since PM₁₀ is less than PM for this source, the PM₁₀ emissions are also limited by 326 IAC 6-3-2. The VOC emissions are limited as stated under 326 IAC 8-1-6. The potential to emit before issuance is also less than the major source levels (see the State Rule Applicability – Entire Source section of this document).

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 potential to emit (PTE) of:

- (a) each criteria pollutant is less than one-hundred (100) tons per year,
- (b) a single hazardous air pollutant (HAP) is less than ten (10) tons per year, and
- (c) the combination of HAPs is less than twenty-five (25) tons per year.

This is the first air approval issued to this source.

Federal Rule Applicability

- (a) The gasoline storage tank has a capacity less than 75 cubic meters. Therefore, the requirements of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, are not included in the permit for this source.
- (b) This source does not coat metal furniture. Therefore, the requirements of 40 CFR 60, Subpart EE, Standards of Performance for Surface Coating of Metal Furniture, and 40 CFR 63, Subpart RRRR, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture, are not included in the permit for this source.
- (c) The travel trailers assembled at this source are not automobiles or light duty trucks. Therefore, the requirements of 40 CFR 60, Subpart MM, Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations, and 40 CFR 63, Subpart IIII, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, are not included in the permit for this source.
- (d) This source is not a major source of HAPs. Therefore, requirements of 40 CFR 63, Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, are not included in the permit for this source.
- (e) This source is not a major source of HAPs. Therefore, the requirements of 40 CFR 63, Subpart MMMM, the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products, are not included in the permit for this source.
- (f) This source is not a major source of HAPs. Therefore, the requirements of 40 CFR 63, Subpart PPPP, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products, are not included in the permit for this source.

State Rule Applicability – Entire Source

326 IAC 2-3 (Emission Offset)

The unrestricted potential VOC emissions and the unrestricted potential NO_x emissions are each less than one-hundred (100) tons per year. Therefore, the potential to emit is less than one hundred (100) tons per year, and this source is a minor source pursuant to 326 IAC 2-3, Emission Offset.

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

The unrestricted potential emissions of each attainment criteria pollutant are less than two-hundred fifty (250) tons per year. Therefore, the potential to emit is less than two-hundred and fifty (250) tons per year, and this source, which is not one of the twenty-eight (28) listed source categories, is a minor source pursuant to 326 IAC 2-2, PSD.

326 IAC 2-4.1-1 (New source toxics control)

The unrestricted potential emissions of each individual HAP are less than ten (10) tons per year and the unrestricted potential emissions of any combination of HAPs are less than twenty-five (25) tons per year. Therefore, the potential to emit each individual HAP is less than ten (10) tons

per year and the potential to emit total HAPs is less than twenty-five (25) tons per year. Thus, the requirements of 326 IAC 2-4.1 do not apply.

326 IAC 2-6 (Emission Reporting)

This source is not located in Lake or Porter County with the potential to emit greater than twenty-five (25) tons per year of NO_x, does not emit five (5) tons per year or more of lead and does not require a Part 70 Operating Permit. Therefore, the requirements of 326 IAC 2-6 do not apply.

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 the 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 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.

State Rule Applicability – Individual Facilities

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

- (a) Each surface coating operation includes some coatings applied with spray cans. However, the potential particulate emissions from the coating manufacturing operations are less than 0.551 pounds per hour. Therefore, pursuant to 326 IAC 6-3-1(b)(14), the coating processes are exempt from the requirements of 326 IAC 6-3.
- (b) The stick welding consumes less than 625 pounds of weld wire or rod per day. Therefore, pursuant to 326 IAC 6-3-1(b)(9), the stick welding is exempt from the requirements of 326 IAC 6-3.
- (c) The potential particulate emissions from the one (1) chop/miter saw for PVC pipes exhausting to either baghouse BH1 or baghouse BH2 are less than 0.551 pounds per hour. Therefore, pursuant to 326 IAC 6-3-1(b)(14), the chop/miter saw is exempt from the requirements of 326 IAC 6-3.
- (d) Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the woodworking operations at the one (1) cabinet and mill area shall not exceed 3.52 pounds per hour when operating at a process weight rate of 0.798 tons per hour. The maximum potential to emit particulate after control by the cyclone dust collector (D/C) and/or the backup baghouse (BH2) is 0.101 pounds per hour. Therefore, the woodworking operations at the one (1) cabinet and mill area will comply with this rule. This limitation is based upon the following:

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

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

326 IAC 8-1-6 (New facilities; General reduction requirements)

The materials coated at this source are not regulated by 326 IAC 8-2, except for wood furniture and cabinet coating (326 IAC 8-2-12) and miscellaneous metal coating (326 IAC 8-2-9). All of the coating processes at this source operate in series. Therefore, they are considered part of the same facility. The VOC usage when cleaning or applying coatings, sealants, solvents, or adhesives to plastic, glass, rubber, fiberglass, PVC, and wood parts, other than wood furniture and cabinets, at the Bristol Freedom Line, including the chassis and floor preparation, cabinet and mill, slide-out assembly, unit assembly and final finish shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 8-1-6 are not applicable.

326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations)

The travel trailers assembled at this source are not passenger cars or passenger car derivatives. Therefore, the requirements of 326 IAC 8-2-2 are not applicable.

326 IAC 8-2-6 (Metal Furniture Coating Operations)

This source does not coat any metal furniture. Therefore, the requirements of 326 IAC 8-2-6 are not applicable.

326 IAC 8-2-9 (Miscellaneous Metal Coating Operations)

This source, constructed after July 1, 1990, coats miscellaneous metal products under SIC 37. However, the unrestricted potential to emit is less than fifteen (15) pounds per day when coating metal parts. Therefore, the actual VOC emissions from each production line, when coating metal, are less than fifteen (15) pounds per day, and pursuant to 326 IAC 8-1-2(a)(2) and (4), the requirements of 326 IAC 8-2-9 are not applicable. Since the unrestricted potential to emit is less than fifteen (15) pounds per day, no limitations are required (see page 1 of Appendix A for emissions from coatings applied to metal).

326 IAC 8-2-10 (Flat Wood Panels; Manufacturing Operations)

This source does not coat any flat wood panels that are considered printed panels, natural finish hardwood plywood panels, or hardboard paneling with Class II finishes. Therefore, the requirements of 326 IAC 8-2-10 are not applicable.

326 IAC 8-2-11 (Fabric and Vinyl Coating)

This source does not perform fabric or vinyl coating. Therefore, the requirements of 326 IAC 8-2-11 are not applicable.

326 IAC 8-2-12 (Wood Furniture and Cabinet Coating)

The wood furniture and cabinets used in the trailers are pre-coated. However, some sealants and glues are applied to wood furniture and cabinets. Therefore, the surface coating applied to wood furniture and cabinets at this source shall utilize one of the following application methods:

- Airless Spray Application
- Air Assisted Airless Spray Application
- Electrostatic Spray Application
- Electrostatic Bell or Disc Application
- Heated Airless Spray Application

Roller Coating
Brush or Wipe Application
Dip-and-Drain Application

High Volume Low Pressure (HVLP) Spray Application is an accepted alternative method of application for Air Assisted Airless Spray Application. HVLP spray is the technology used to apply coating to substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

326 IAC 8-4-6 (Gasoline Dispensing Facilities)

Pursuant to 326 IAC 8-4-6 (8), "Gasoline dispensing facility" means any facility where gasoline is dispensed into motor vehicle fuel tanks or portable containers from a storage tank with a capacity of two thousand one hundred seventy-six (2,176) liters (five hundred seventy-five (575) gallons) or more. The fuel dispensing operations at this source dispense gasoline from tanks with capacities less than two thousand one hundred seventy-six (2,176) liters (five hundred seventy-five (575) gallons). Therefore, the requirements of 326 IAC 8-4-6 are not applicable.

Compliance Requirements

Permits issued under 326 IAC 2-6.1 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-6.1-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The following compliance monitoring requirements are included in the permit for the woodworking operations at the one (1) cabinet and mill area:

- (a) Visible emission notations of the woodworking operations at the one (1) cabinet and mill area stack exhausts (stacks D/C and BH2) shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal. For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or

Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

- (b) An inspection shall be performed each calendar quarter of all bags controlling the woodworking operations at the one (1) cabinet and mill area when venting to the atmosphere. A baghouse inspection shall be performed within three (3) months of redirecting vents to the atmosphere and every three (3) months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.
- (c) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced.
- (d) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit.
- (e) An inspection shall be performed each calendar quarter of all cyclones controlling the woodworking operations at the one (1) cabinet and mill area when venting to the atmosphere. A cyclone inspection shall be performed within three (3) months of redirecting vents to the atmosphere and every three (3) months thereafter. Inspections are optional when venting to the indoors.
- (f) For a cyclone controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced.
- (g) For a cyclone controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit.

These conditions are necessary because the cyclone dust collector and/or portable baghouse must operate properly in order for the woodworking to comply with 326 IAC 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes).

Conclusion

The operation of this travel trailer manufacturing source shall be subject to the conditions of the **Minor Source Operating Permit 039-22540-00649**.

**Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations**

**Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowits
Application Date: January 12, 2006**

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency	Method of Application	Substrate
Chassis and Floor Preparation																		
Spray N Go paint (touchup)	6.67	96.000%	20.0%	76.0%	2.0%	9.96%	0.01800	1.500	5.17	5.07	0.14	3.28	0.60	0.01	50.90	75%	spray can	metal (Chassis)
Cyclo Silicone Spray C-33	5.25	92.500%	8.0%	84.5%	5.5%	0.00%	0.00030	1.500	4.69	4.44	0.00	0.05	0.01	0.00	n/a	75%	spray can	metal, wood, plastic (Chassis)
Oatey PVC Cement	7.62	90.000%	0.0%	90.0%	0.0%	12.00%	0.02000	1.500	6.86	6.86	0.21	4.94	0.90	0.00	57.15	100%	hand wiping	PVC (Pipes)
Cabinet and Mill																		
Mobibond MB 44 Glue	9.51	60.000%	0.0%	60.0%	0.0%	40.00%	0.02100	1.500	5.71	5.71	0.18	4.31	0.79	0.00	14.27	100%	hand wiping	wood (Cabinet)
Cyclo Silicone Spray C-33	5.25	92.500%	8.0%	84.5%	5.5%	0.00%	0.00140	1.500	4.69	4.44	0.01	0.22	0.04	0.00	n/a	75%	spray can	wood (Cabinet)
Oatey Black ABS Cement	7.25	75.000%	0.0%	75.0%	0.0%	12.00%	0.05000	1.500	5.44	5.44	0.41	9.79	1.79	0.00	45.31	100%	hand wiping	PVC (Pipes)
Oatey Cleaner	6.61	100.000%	20.0%	80.0%	15.0%	0.00%	0.04000	1.500	6.22	5.29	0.32	7.61	1.39	0.00	n/a	100%	hand wiping	PVC (Pipes)
IPS Weld-on Cement	7.63	60.000%	0.0%	60.0%	0.0%	30.00%	0.00700	1.500	4.58	4.58	0.05	1.15	0.21	0.00	15.26	100%	hand wiping	PVC (Pipes)
Slide-out Assembly																		
Geocel 2300 Sealant	7.92	35.000%	0.0%	35.0%	0.0%	61.00%	0.01380	1.500	2.77	2.77	0.06	1.38	0.25	0.00	4.54	100%	hand wiping	wood, metal (Slide-out)
Cyclo Silicone Spray C-33	5.25	92.500%	8.0%	84.5%	5.5%	0.00%	0.00100	1.500	4.69	4.44	0.01	0.16	0.03	0.00	n/a	75%	spray can	wood, metal (Slide-out)
Mobibond MB 44 Glue	9.51	60.000%	0.0%	60.0%	0.0%	40.00%	0.00400	1.500	5.71	5.71	0.03	0.82	0.15	0.00	14.27	100%	hand wiping	wood (Trailer)
Unit Assembly																		
Geocel 2300 Sealant	7.92	35.000%	0.0%	35.0%	0.0%	61.00%	0.40000	1.500	2.77	2.77	1.66	39.92	7.28	0.00	4.54	100%	hand wiping	wood
Oatey PVC Cement	7.62	90.000%	0.0%	90.0%	0.0%	12.00%	0.00800	1.500	6.86	6.86	0.08	1.98	0.36	0.00	57.15	100%	hand wiping	PVC (Pipes)
Oatey Cleaner	6.61	100.000%	20.0%	80.0%	15.0%	0.00%	0.00200	1.500	6.22	5.29	0.02	0.38	0.07	0.00	n/a	100%	hand wiping	PVC (Pipes)
502 LSW lap Sealant	9.92	32.500%	0.0%	32.5%	0.0%	61.00%	0.80000	1.500	3.22	3.22	3.87	92.85	16.95	0.00	5.29	100%	brushing, hand wiping	wood, plastic (Roof)
905 BA Bonding Cement	8.20	51.000%	50.5%	0.5%	50.5%	49.00%	1.00000	1.500	0.08	0.04	0.06	1.48	0.27	0.00	0.08	100%	brushing, hand wiping	wood, plastic (Roof)
Enerfoam Adhesive	10.01	0.000%	0.0%	0.0%	0.0%	100.00%	0.02000	1.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100%	hand wiping	wood, plastic (Trailer)
Foam Cleaner	7.99	95.800%	0.0%	95.8%	0.0%	4.00%	0.02000	1.500	7.65	7.65	0.23	5.51	1.01	0.01	191.36	75%	spray can	wood, plastic (Trailer)
Cyclo Silicone Spray C-33	5.25	92.500%	8.0%	84.5%	5.5%	0.00%	0.00100	1.500	4.69	4.44	0.01	0.16	0.03	0.00	n/a	75%	spray can	wood, metal, plastic (Trailer)
WD 40 (maintenance)	6.80	78.000%	0.0%	78.0%	0.0%	30.00%	0.00080	1.500	5.30	5.30	0.01	0.15	0.03	0.00	17.68	100%	hand wiping	metal (Equipment)
Final Finish																		
Geocel 2300 Sealant	7.92	35.000%	0.0%	35.0%	0.0%	61.00%	0.14000	1.500	2.77	2.77	0.58	13.97	2.55	0.00	4.54	100%	hand wiping	wood (Trailer)
Geocel 2000 Sealant	8.34	32.000%	0.0%	32.0%	0.0%	66.50%	0.11000	1.500	2.67	2.67	0.44	10.57	1.93	0.00	4.01	100%	hand wiping	wood (Trailer)
Title R Bond Glue	7.42	98.200%	0.0%	98.2%	0.0%	1.50%	0.00050	1.500	7.29	7.29	0.01	0.13	0.02	0.00	485.76	100%	hand wiping	wood, fiberglass (Trailer)
Bostik Supertak Adhesive	5.80	71.000%	20.0%	51.0%	17.0%	29.00%	0.02900	1.500	3.56	2.96	0.13	3.09	0.56	0.00	10.20	100%	hand wiping	wood (Cabinet)
Touch N' Tone Spray Enamel	5.58	99.000%	20.0%	79.0%	15.0%	1.00%	0.13500	1.500	5.19	4.41	0.89	21.42	3.91	0.01	440.82	75%	spray can	wood, fiberglass (Trailer)
Cyclo Silicone Spray C-33	5.25	92.500%	8.0%	84.5%	5.5%	0.00%	0.00720	1.500	4.69	4.44	0.05	1.15	0.21	0.00	n/a	75%	spray can	wood, fiberglass (Trailer)
Brake Cleaner	6.34	100.000%	20.0%	80.0%	34.3%	0.00%	0.02700	1.500	7.72	5.07	0.21	4.93	0.90	0.00	n/a	100%	hand wiping	wood, fiberglass (Trailer)
Glass Cleaner C-31	8.26	99.860%	87.0%	12.9%	83.7%	0.14%	0.01700	1.500	6.53	1.06	0.03	0.65	0.12	0.00	758.74	100%	hand wiping	wood, glass, fiberglass (Trailer)
Isopropyl Alcohol	6.55	100.000%	0.0%	100.0%	0.0%	0.00%	0.06800	1.500	6.55	6.55	0.67	16.03	2.93	0.00	n/a	100%	hand wiping	wood, fiberglass (Trailer)
Mineral Spirits	6.59	100.000%	0.0%	100.0%	0.0%	0.00%	0.09700	1.500	6.59	6.59	0.96	23.01	4.20	0.00	n/a	100%	hand wiping	fiberglass (Trailer)

PM Control Efficiency: 0.00%

State Potential Emissions	Add worst case coating to all solvents																	
										Uncontrolled	11.30	271.10	49.48	0.038				
										Controlled	11.30	271.10	49.48	0.038				

METHODOLOGY

- Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
- Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
- Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
- Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
- Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
- Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1-Weight % Volatiles) * (1-Transfer efficiency) * (8760 hrs/yr) * (1 ton/2000 lbs)
- Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
- Total = Worst Coating + Sum of all solvents used

Appendix A: Emission Calculations
HAP Emission Calculations

Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowitz
Application Date: January 12, 2006

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Toluene	Weight % Hexane	Weight % MEK	Weight % MDI	Weight % Xylene	Weight % Cumene	Toluene Emissions (ton/yr)	Hexane Emissions (ton/yr)	MEK Emissions (ton/yr)	MDI Emissions (ton/yr)	Xylene Emissions (ton/yr)	Cumene Emissions (ton/yr)	Total Emissions (ton/yr)
Chassis and Floor Preparation																
Spray N Go paint (touchup)	6.67	0.01800	1.500	20.00%	0.00%	10.00%	0.00%	5.00%	0.00%	0.16	0.00	0.08	0.00	0.04	0.00	0.28
Cyclo Silicone Spray C-33	5.25	0.00030	1.500	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oatey PVC Cement	7.62	0.02000	1.500	0.00%	0.00%	55.00%	0.00%	0.00%	0.00%	0.00	0.00	0.55	0.00	0.00	0.00	0.55
Cabinet and Mill																
Mobibond MB 44 Glue	9.51	0.02100	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyclo Silicone Spray C-33	5.25	0.00140	1.500	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.02	0.00	0.00	0.00	0.00	0.02
Oatey Black ABS Cement	7.25	0.05000	1.500	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00	0.00	1.79	0.00	0.00	0.00	1.79
Oatey Cleaner	6.61	0.04000	1.500	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00	0.00	1.39	0.00	0.00	0.00	1.39
IPS Weld-on Cement	7.63	0.00700	1.500	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00	0.00	0.26	0.00	0.00	0.00	0.26
Slide-out Assembly																
Geocel 2300 Sealant	7.92	0.01380	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyclo Silicone Spray C-33	5.25	0.00100	1.500	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.01	0.00	0.00	0.00	0.00	0.01
Mobibond MB 44 Glue	9.51	0.00400	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unit Assembly																
Geocel 2300 Sealant	7.92	0.40000	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oatey PVC Cement	7.62	0.00800	1.500	0.00%	0.00%	55.00%	0.00%	0.00%	0.00%	0.00	0.00	0.22	0.00	0.00	0.00	0.22
Oatey Cleaner	6.61	0.00200	1.500	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00	0.00	0.07	0.00	0.00	0.00	0.07
502 LSW lap Sealant	9.92	0.80000	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
905 BA Bonding Cement	8.20	1.00000	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enerfoam Adhesive	10.01	0.02000	1.500	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%	0.00	0.00	0.00	0.79	0.00	0.00	0.79
Foam Cleaner	7.99	0.02000	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyclo Silicone Spray C-33	5.25	0.00100	1.500	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.01	0.00	0.00	0.00	0.00	0.01
WD 40 (maintenance)	6.80	0.00080	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Final Finish																
Geocel 2300 Sealant	7.92	0.14000	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Geocel 2000 Sealant	8.34	0.11000	1.500	0.00%	0.00%	0.00%	0.00%	7.00%	3.00%	0.00	0.00	0.00	0.00	0.42	0.18	0.60
Tite R Bond Glue	7.42	0.00050	1.500	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bostik Supertak Adhesive	5.80	0.02900	1.500	0.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.33	0.00	0.00	0.00	0.00	0.33
Touch N' Tone Spray Enamel	5.58	0.13500	1.500	15.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.74	0.00	0.00	0.00	0.00	0.00	0.74
Cyclo Silicone Spray C-33	5.25	0.00720	1.500	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.10	0.00	0.00	0.00	0.00	0.10
Brake Cleaner	6.34	0.02700	1.500	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.34	0.00	0.00	0.00	0.00	0.00	0.34
Glass Cleaner C-31	8.26	0.01700	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Isopropyl Alcohol	6.55	0.06800	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mineral Spirits	6.59	0.09700	1.500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total State Potential Emissions

1.24 0.482 4.36 0.789 0.461 0.181 7.51

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emission Calculations
Woodworking**

Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowits
Application Date: January 12, 2006

Unit ID	Control Efficiency (%)	Grain Loading per Actual Cubic foot of Outlet Air (grains/cub. ft.)	Gas or Air Flow Rate (acfm.)	PM Emission Rate before Controls (lb/hr)	PM Emission Rate before Controls (tons/yr)	PM Emission Rate after Controls (lb/hr)	PM Emission Rate after Controls (tons/yr)
Cabinet and Mill Dust Collector exhausting to stack D/C	99.0%	0.0022	5100	9.62	42.1	0.096	0.421
Assembly Baghouse exhausting to stack BH1	99.0%	0.00048	1120	0.461	2.02	0.005	0.020
Assembly Baghouse exhausting to stack BH2	99.0%	0.00048	1120	0.461	2.02	0.005	0.020
Total:				10.5	46.2	0.105	0.462

Methodology

Emission Rate in lbs/hr (after controls) = (grains/cub. ft.) (cub. ft./min.) (60 min/hr) (lb/7000 grains)

Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)

Emission Rate in lbs/hr (before controls) = Emission Rate (after controls): (lbs/hr)/(1-control efficiency)

Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100**

Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowits
Application Date: January 12, 2006

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

1.50

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Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.90	7.60	0.600	100	5.50	84.0
				**see below		
Potential Emission in tons/yr	0.012	0.050	0.004	0.657	0.036	0.552

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	0.00210	0.00120	0.07500	1.80000	0.00340
Potential Emission in tons/yr	0.000014	0.000008	0.000493	0.011826	0.000022

Emission Factor in lb/MMcf	HAPs - Metals					Total
	Lead	Cadmium	Chromium	Manganese	Nickel	
	0.0005	0.0011	0.0014	0.0004	0.0021	
Potential Emission in tons/yr	0.000003	0.00001	0.00001	0.000002	0.00001	0.012

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emissions Calculations
Welding and Gasoline Dispensing**

**Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowits
Application Date: January 12, 2006**

PROCESS	Number of Stations	Max. electrode consumption per station (lbs/hr)	EMISSION FACTORS* (lb pollutant/lb electrode)				EMISSIONS (lbs/hr)				HAPS (lbs/hr)
			PM = PM10	Mn	Ni	Cr	PM = PM10	Mn	Ni	Cr	
WELDING											
Submerged Arc	0	0	0.036	0.011			0.000	0.000	0.000	0.000	0.000
Metal Inert Gas (MIG)(carbon steel)	0	0	0.0055	0.0005			0.000	0.000	0.000	0.000	0.000
Stick (E7018 electrode)	2	0.12	0.0211	0.0009			0.005	0.000	0.000	0.000	0.000
Tungsten Inert Gas (TIG)(carbon steel)	0	0	0.0055	0.0005			0.000	0.000	0.000	0.000	0.000
Oxyacetylene(carbon steel)	0	0	0.0055	0.0005			0.000	0.000	0.000	0.000	0.000
EMISSION TOTALS											
Potential Emissions lbs/hr							0.005	0.000	0.000	0.000	0.0002
Potential Emissions lbs/day							0.122	0.005	0.000	0.000	0.005
Potential Emissions tons/year							0.022	0.001	0.000	0.000	0.001

METHODOLOGY

*Emission Factors are default values for carbon steel unless a specific electrode type is noted in the Process column.
Welding emissions, lb/hr: (# of stations)(max. lbs of electrode used/hr/station)(emission factor, lb. pollutant/lb. of electrode used)
Emissions, lbs/day = emissions, lbs/hr x 24 hrs/day
Emissions, tons/yr = emissions, lb/hr x 8,760 hrs/year x 1 ton/2,000 lbs.

Gasoline Storage and Dispensing

Gasoline

Fugitive Source	Emission Factor (lbs/1000gal)	Annual Throughput (gallons)	VOC Emissions (lbs/yr)	VOC Emissions (tons/yr)
Gasoline Tank	5.0	810	4.05	0.002

HAP emissions conservatively estimated to be equal to VOC emissions.

Methodology

VOC emission factors from AP-42, Chapter 5

**Appendix A: Emissions Calculations
Emissions Summary**

**Company Name: Dutchmen Manufacturing, Inc. - Bristol Freedom Line
Address City IN Zip: 705 Division St., Bristol, IN 46507
Permit Number: MSOP 039-22540-00649
Reviewer: CarrieAnn Paukowitz
Application Date: January 12, 2006**

Unrestricted Potential Emissions

Facility or Emissions Unit	PM	PM10	SO2	NOx	VOC	CO	Toluene	Hexane	MEK	MDI	Xylene	Cumene	Manganese	Total HAPs
Chassis and Floor Preparation	0.008	0.008	0.000	0.000	1.509	0.000	0.158	0.004	0.630	0.000	0.039	0.000	0.000	0.831
Cabinet and Mill Area	44.142	44.142	0.000	0.000	4.215	0.000	0.000	0.019	3.439	0.000	0.000	0.000	0.000	3.458
Slide-out Assembly Area	0.001	0.001	0.000	0.000	0.430	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.014
Unit Assembly Area	2.030	2.030	0.000	0.000	25.992	0.000	0.000	0.014	0.290	0.789	0.000	0.000	0.000	1.093
Final Finish Area	0.017	0.017	0.000	0.000	17.330	0.000	1.080	0.431	0.000	0.000	0.422	0.181	0.000	2.114
Air circulators and Heaters	0.012	0.050	0.004	0.657	0.036	0.552	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.012
Gasoline Storage Tank	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Welding	0.022	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
Total	46.2	46.3	0.004	0.657	49.5	0.552	1.24	0.494	4.36	0.789	0.461	0.181	0.001	7.53

Emissions from combustion include less than 0.001 tons per year of Benzene, Dichlorobenzene, Formaldehyde, Lead, Cadmium, Chromium and Nickel.
Emissions from the gasoline storage tank include less than 0.001 tons per year of any individual HAP.

Potential to Emit after Issuance

Facility or Emissions Unit	PM	PM10	SO2	NOx	VOC	CO	Toluene	Hexane	MEK	MDI	Xylene	Cumene	Manganese	Total HAPs	
Chassis and Floor Preparation	0.008	0.008	0.000	0.000	34.522	0.000	0.158	0.004	0.630	0.000	0.039	0.000	0.000	0.831	
Cabinet and Mill Area	17.419	17.419	0.000	0.000		0.000	0.000	0.019	3.439	0.000	0.000	0.000	0.000	0.000	3.458
Slide-out Assembly Area	0.001	0.001	0.000	0.000		0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
Unit Assembly Area	2.030	2.030	0.000	0.000		0.000	0.000	0.014	0.290	0.789	0.000	0.000	0.000	0.000	1.093
Final Finish Area	0.017	0.017	0.000	0.000		0.000	0.000	1.080	0.431	0.000	0.000	0.422	0.181	0.000	2.114
Air circulators and Heaters	0.012	0.050	0.004	0.657	0.036	0.552	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.012	
Gasoline Storage Tank	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	
Welding	0.022	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	
Total	19.5	19.5	0.004	0.657	34.6	0.552	1.24	0.494	4.36	0.789	0.461	0.181	0.001	7.53	

Emissions from combustion include less than 0.001 tons per year of Benzene, Dichlorobenzene, Formaldehyde, Lead, Cadmium, Chromium and Nickel.
Emissions from the gasoline storage tank include less than 0.001 tons per year of any individual HAP.

The VOC usage when cleaning or applying coatings, sealants, solvents, or adhesives to plastic, glass, rubber, fiberglass, PVC, and wood parts, other than wood furniture and cabinets, at the Bristol Freedom Line, including the chassis and floor preparation, cabinet and mill, slide-out assembly, unit assembly and final finish shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 8-1-6 are not applicable.
The substrate to which each material is applied is listed on page 1 of this Appendix.