INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

November 15, 2004

TO: Interested Parties / Applicant

RE: Indiana Laminate / 037-19684-00084

FROM: Paul Dubenetzky
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 9/16/03

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November 15, 2004

Mr. Larry Uhrick
Indiana Laminate
1224 Mill Street, P.O. Box 270
Jasper, Indiana 47547

Re: 037-19684-00084
Second Significant Permit Revision to
FESOP 037-10198-00084

Dear Mr. Uhrick:

Indiana Laminate was issued a permit on June 24, 1999 for a wood furniture manufacturing plant. A letter requesting changes to this permit was received on July 13, 2004. Pursuant to the provisions of 326 IAC 2-8-11.1(f), a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document.

The revision consists of a modification to the existing four (4) spray booths and the addition of eight (8) natural gas fired insignificant units.

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).

2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

3. Effective Date of the Permit
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.

4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of this revised permit.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Yu-Lien Chu, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7871 to speak directly to Ms. Chu. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Original Signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

ERG/YC

cc: File - Dubois County
Dubois County Health Department
Southwest Regional Office
Air Compliance Section Inspector - Gene Kelso
Compliance Data Section
Administrative and Development
Technical Support and Modeling - Michele Boner
FESOP Renewal Reviewer - ERG/ST

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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR QUALITY

Indiana Laminate
1101 West 100 South
Jasper, Indiana 47546

(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.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F037-10198-00084	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 24, 1999 Expiration Date: June 24, 2004

First Significant Permit Revision No.: 037-12356-00084, issued November 20, 2000
First Reopening No.: 037-13025-00084, issued November 22, 2002

Second Significant Permit Revision No.: 037-19684-00084	Pages Affected: 6, 8, 34-39, 43
Issued by: Original Signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: November 15, 2004

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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 through A.3 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 2-8-3(b)]

The Permittee owns and operates a stationary wood furniture manufacturing plant.

Authorized individual:	V.P. Human Resources and Sales
Source Address:	1101 West 100 South, Jasper, IN 47546
Mailing Address:	P.O. Box 270, 1224 N. Mill Street, Jasper, IN 47547
Phone Number:	(812) 482-5727
SIC Code:	2511
County Location:	Dubois
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source under PSD Rules Not in 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

(a) One (1) woodworking operation constructed on November 3, 1997, identified as EU#17 with a maximum capacity of 9,414 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#2, and exhausting to one (1) stack, identified as SV#7.

(b) One (1) woodworking operation identified as EU #600 with a maximum capacity of 4,224 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#4, and exhausting to one (1) stack, identified as SV#600.

(c) One (1) stain spray booth, identified as EU #618, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 2.44 gallons per hour, and exhausting to stack 2.

(d) One (1) rim seal seal spray booth, identified as EU #620, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 0.31 gallons per hour, and exhausting to stack 3.

(e) One (1) UV line spray booth identified as EU #622, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and a wet system for control, spraying wood office furniture with a maximum coating usage of 1.57 gallons per hour, and exhausting to stack 4.

(f) One (1) spray booth identified as EU #628, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 0.054 gallons per hour, and exhausting to stack 7a.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) One (1) spray booth constructed on July 24, 1996, identified as EU#16, utilizing high volume, low pressure spray application method and dry filter control, spraying wood panels with a maximum of 0.964 pounds of powder glue/water mixture per hour and exhausting to one (1) stack, identified as SV#6.

(b) One (1) hot press glue spreader system constructed on March 8, 1996, identified as EU#15, with a maximum capacity of 3.33 plywood panels per hour and exhausting to one (1) stack, identified as SV#5.

(c) One (1) woodworking operation constructed on March 8,1996, identified as EU#4 with a maximum capacity of 18,827 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#1, and exhausting to one (1) stack, identified as SV #4.

(d) One (1) woodworking operation constructed on November 3, 1997, identified as EU#27 with a maximum capacity of 9,414 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#3, and exhausting to one (1) stack, identified as SV#8.

(e) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas-fired heaters constructed on March 8, 1996, identified as EU#1 and EU#2, with a maximum heat input capacity of 0.8million British Thermal Units per hour each and exhausting to two (2) stacks, SV#1 and SV#2 respectively.

(2) One (1) natural gas-fired boiler, constructed on March 8, 1996, identified as EU#3, with a maximum heat input capacity of 0.8 million British Thermal Units per hour connected to stack, and exhausting to one (1) stack SV#3.

(3) One (1) natural gas-fired heater constructed on November 3, 1997, identified as EU#42, with a maximum heat input capacity of 0.8million British Thermal Units per hour and exhausting to one (1) stack SV#9.

(4) Two (2) natural gas-fired heaters identified as NG #620 and NG#628, with a maximum heat input capacity of 1.296 million Btu per hour each and exhausting to two (2) stacks, SV #620a and SV #628a respectively.

(5) One (1) natural gas-fired heater identified as NG #618, with a maximum heat input capacity of 2.592 million Btu per hour each and exhausting to one (1) stack SV #618a.

(6) One (1) natural gas-fired boiler identified as NG #656, with a maximum heat input capacity of 0.65 million Btu per hour each and exhausting to one (1) stack SV #656.

(7) One (1) natural gas-fired heat identified as NG #660, with a maximum heat input capacity of 1.6 million Btu per hour and exhausting to one (1) stack SV #660.

(8) One (1) natural gas-fired air make-up unit identified as NG #658, with a maximum heat input capacity of 0.185 million Btu per hour each and exhausting to one (1) stack SV #658.

(9) Ten (10) natural gas-fired HVAC units identified as NG #636, NG #638, NG #640, NG #642, NG #644, NG #646, NG #648, NG #650, NG #652, and NG #654, with a maximum heat input capacity of 0.4 million Btu per hour each and exhausting to ten (10) stacks, SV #636, SV#638, SV #640, SV #642, SV #644, SV #646, SV #648, SV #650, SV #652, and SV #654, respectively.

(10) Two (2) natural gas-fired heaters identified as NG #630 and NG #632, with a maximum heat input capacity of 0.12 million Btu per hour each and exhausting to two (2) stacks, SV #630 and SV #632, respectively.

(11) One (1) natural gas-fired heater constructed on identified as NG #634, with a maximum heat input capacity of 0.06 million Btu per hour each and exhausting to one (1) stack SV #634.

(12) One (1) natural gas fired flash off oven, identified as #628B, to be constructed in 2004, with a maximum heat input capacity of 1.0 MMBtu/hr, and exhausting through stack 7b.

(13) One (1) natural gas fired finish line oven, identified as #628C, to be constructed in 2004, with a maximum heat input capacity of 0.4 MMBtu/hr, and exhausting through stack 7c.

(14) One (1) natural gas fired air make-up unit, identified as #664, to be constructed in 2004, with a maximum heat input capacity of 2.9 MMBtu/hr, and exhausting through stack 24.

(15) Two (2) natural gas fired HVAC units, identified as #668 and #670, to be constructed in 2004, each with a maximum heat input capacity of 0.2 MMBtu/hr, and exhausting through stacks 25 and 26, respectively.

(16) One (1) natural gas fired HVAC unit, identified as #672, to be constructed in 2004, with a maximum heat input capacity of 0.04 MMBtu/hr, and exhausting through stack 27.

(17) One (1) natural gas fired boiler, identified as #674, to be constructed in 2004, with a maximum heat input capacity of 0.6 MMBtu/hr, and exhausting through stack 28.

(18) One (1) pump house heater, identified as #676, to be constructed in 2004, using natural gas as fuel, with a maximum heat input capacity of 0.185 MMBtu/hr, and exhausting through stack 29.

(f) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.

(g) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 British Thermal Units per hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 British Thermal Units per hour.

(h) The following equipment related to manufacturing activities nor resulting in emissions of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.

(i) Water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs.

(j) Paved and unpaved roads and parking lots with public access.

(k) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

(l) On-site fire and emergency response training approved by the department.

(m) Other activities or categories not previously identified:

(1) CL2370 Booth Coat used in the Veneer Spray Booth, identified as EU#16, emitting less than 3 lbs/hr or 15 lbs/day of VOC

(2) Two (2) above ground storage tanks constructed on March 8, 1996, identified as 527and 528, each with a maximum capacity of 1900 gallons.

(3) Five (5) UV coaters.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permit Conditions

(a) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

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 FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

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, any applicable definitions found in IC 13-11, 326 IAC 1-2, and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-8-4(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-8-6]

(a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.

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

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

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.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) 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.

(c) Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAQ, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the

Permittee is making a claim of confidentiality regarding the furnished records, the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; and

(3) Denial of a permit renewal application.

(b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, and any other certification required under this permit, 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, on the attached Certification Form, with each submittal.

(c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The annual compliance certification report 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) The annual compliance certification report shall include the following:

(1) The identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

(5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

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

B.13 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) 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;

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) PMP's shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ.

B.14 Emergency Provisions [326 IAC 2-8-12]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

Failure to notify IDEM, OAQ, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

(5) For each emergency lasting one (1) hour or more, the Permittee submitted notice either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) An emergency as defined in 326 IAC 2-7-1(12); or

(3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

(4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

(c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)]

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(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 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) 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.

(2) If IDEM, OAQ, upon receiving a timely and complete 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.

(c) Right to Operate After Application for Renewal [326 IAC 2-8-9]
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 2-8 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 needed to process the application.

B.18 Permit Amendment or Modification [326 IAC 2-8-10] [326 IAC 2-8-11.1]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1) only if a certification is required by the terms of the applicable rule.

(c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-8-15(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional condition:

For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

B.20 Operational Flexibility [326 IAC 2-8-15]

(a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-1 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

(b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1.

(c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

(d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

(e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification

requirements of part (a) of this condition do not apply.

B.21 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.22 Inspection and Entry [326 IAC 2-8-5(a)(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, 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 FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. [326 IAC 2-8-5(a)(4)]

(1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAQ, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAQ, nor an authorized representative, may disclose the information unless and until IDEM, OAQ, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]

(2) The Permittee, and IDEM, OAQ, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.23 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.24 Annual Fee Payment [326 IAC 2-8-4(6)][326 IAC 2-8-16]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action, or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Billing, Licensing, and Training Section (BLT)), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter, from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

(2) The potential to emit particulate matter from the entire source shall be limited to less than two-hundred and fifty (250) tons per twelve (12) consecutive month period.

(3) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(4) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(c) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of thirty percent (30%) 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.3 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. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

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

C.5 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). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-8-5(a)(4)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment is are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

(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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory 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) 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 that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.8 Performance Testing [326 IAC 3-6]

(e) 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 methods approved by the 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

(b) All test reports must be received by IDEM, OAQ within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.9 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

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 no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend the compliance schedule an additional ninety (90) days provided the Permittee notify:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule with full justification of the reasons for inability to meet this date.

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

C.10 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.11 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days from the date of issuance of this permit.

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

(a) Submit:

(1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

(2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(3) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

(b) Provide annual certification to IDEM, OAQ, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.13 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-8-4][326 IAC 2-8-5] [326 IAC 1-6]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :

(A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

(c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned to operating within "normal" parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

(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 corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(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. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 Monitoring Data Availability

(a) With the exception of performance tests conducted in accordance with Section C-Performance Testing all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.

(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.

(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.

(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.

(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.

(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements in (a) above.

C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)][326 IAC 2-8-5]

(a) Records of all required monitoring data and support information 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 kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ, representative. 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 written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;

(2) The dates analyses were performed;

(3) The company or entity performing the analyses;

(4) The analytic techniques or methods used;

(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement.

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

(d) 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 2-8-4(3)(C)]

(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC2-1.1-1(1).

(b) The report required in (a) of this condition and 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) 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.

(d) Unless otherwise specified in this permit, any report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

(g) 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.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156

(b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]

(a) One (1) woodworking operation constructed on November 3, 1997, identified as EU #17, with a maximum capacity of 9,414 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#2, and exhausting to one (1) stack, identified as SV#7.

(b) One (1) woodworking operation, identified as EU #600 with a maximum capacity of 4,224 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#4, and exhausting to one (1) stack, identified as SV#600.

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

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-1-2]

(a) Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the woodworking stack/vent SV#7 shall be limited to 0.03 grain per dry standard cubic foot, equivalent to 12.34 pounds per hour.

(b) Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the woodworking facilities stack/vent SV#600 shall be limited to 0.03 grain per dry standard cubic foot equivalent to 15.7 pounds per hour.

D.1.2 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4]

(a) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from the woodworking stack/vent SV #7, including both filterable and condensible fractions shall not exceed 4.85 pounds per hour. Therefore; the Part 70 rules (326 IAC 2-7) do not apply.

(b) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from the woodworking stack/vent SV#600, including both filterable and condensible fractions shall not exceed 4.85 pounds per hour. Therefore; the Part 70 rules (326 IAC 2-7) do not apply.

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.5 Particulate Matter

The baghouses for PM control shall be in operation at all times when the woodworking is in operation.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.6 Visible Emissions Notations

(a) Daily visible emission notations of the woodworking operations stacks exhaust shall be performed 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.

D.1.7 Baghouse Inspections

An inspection shall be performed each calender quarter of all bags controlling the woodworking operations when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting indoors. All defective bags shall be replaced.

D.1.8 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Condition D.1.6, the Permittee shall maintain records of daily visible emission notations of the wood working operations stacks exhaust.

(b) To document compliance with Condition D.1.7, the Permittee shall maintain records of the results of the inspections required under Condition D.1.7 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.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(a) One (1) spray booth constructed on July 24, 1996, identified as EU#16, utilizing high volume, low pressure spray application method and dry filter control, spraying wood panels with a maximum of 0.964 pounds of powder glue/water mixture per hour and exhausting to one (1) stack, identified as SV#6.

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

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 Particulate Matter (PM) [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating facilities shall be limited to 0.03 grain per dry standard cubic foot, equivalent to 2.57 pounds per hour.

D.2.2 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, particulate matter 10 microns emissions from the woodworking operations, including both filterable and condensible fractions shall not exceed 2.57 pounds per hour. Therefore; the Part 70 rules (326 IAC 2-7) do not apply.

D.2.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.2.4 Testing Requirements [326 IAC 2-8-5(a)(1), (4)][326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter limit specified in Condition D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.2.5 Particulate Matter (PM)

Pursuant to CP 037-6259-00084, issued on July 24, 1996, the dry filter control for PM control shall be in operation at all times when the spray booth (EU16) is in operation.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(c) One (1) woodworking operation constructed on March 8,1996, with a maximum capacity of 18,827 pounds of plywood panels for office furniture per hour, consisting of [EU#4, EU#5, EU#9, EU#6, EU#7, EU#8, EU#10, EU#11, EU#12, EU#13, EU#14] with emissions controlled by one (1) baghouse, identified as CE#1, and exhausting to one (1) stack, identified as SV #4.

(d) One (1) woodworking operation constructed on November 3, 1997, with a maximum capacity of 9,414 pounds of plywood panels for office furniture per hour, consisting of [EU#27, EU#28, EU#29, EU#30, EU#31, EU#32, EU#33, EU#34, EU#35, EU#36, EU#37, EU#38, EU#39 & EU#40] with emissions controlled by one (1) baghouse, identified as CE#3, and exhausting to one (1) stack, identified as CE#3, and exhausting to one (1) stack, identified as SV#8.

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

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Matter (PM) [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from each of the woodworking stack/vents SV#4 and SV#8 shall be limited to 0.03 grain per dry standard cubic foot, equivalent to 9.0 pounds per hour.

D.3.2 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, particulate matter 10 microns emissions from each of the woodworking operations, including both filterable and condensible fractions shall not exceed 3.00 pounds per hour. Therefore; the Part 70 rules (326 IAC 2-7) do not apply.

D.3.3 Opacity

The opacity from the woodworking operations shall not exceed 10% when vented to the atmosphere.

D.3.4 Baghouse limitations

Each baghouse does not exhaust to the atmosphere greater than forty thousand (40,000) cubic feet of air per minute and shall not emit particulate matter with a diameter less than ten (10) microns in excess of one-hundredth (0.01) grain per dry standard cubic feet of outlet air. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore; the Part 70 rules (326 IAC 2-7) do not apply.

D.3.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

Compliance Determination Requirements

D.3.6 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.3.7 Particulate Matter

The baghouses for PM control shall be in operation at all times when the woodworking is in operation.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.3.8 Visible Emissions Notations

(a) Daily visible emission notations of the woodworking operations stacks exhaust shall be performed 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

D.3.9 Baghouse Inspections

An inspection shall be performed each calender quarter of all bags controlling the woodworking operations when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting indoors. All defective bags shall be replaced.

D.3.10 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.11 Record Keeping Requirements

(a) To document compliance with Condition D.3.8, the Permittee shall maintain records of daily visible emission notations of the wood working operations stacks exhaust.

(b) To document compliance with Condition D.3.9, the Permittee shall maintain records of the results of the inspections required under Condition D.3.9 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.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(e) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas-fired heaters constructed on March 8, 1996, identified as EU#1 and EU#2, with a maximum heat input capacity of 0.8 million British Thermal Units per hour each and exhausting to two (2) stacks, SV#1 and SV#2 respectively.

(2) One (1) natural gas-fired boiler, constructed on March 8, 1996, identified as EU#3, with a maximum heat input capacity of 0.8 million British Thermal Units per hour connected to stack, and exhausting to one (1) stack SV#3.

(3) One (1) natural gas-fired heater constructed on November 3, 1997, identified as EU#42, with a maximum heat input capacity of 0.8 million British Thermal Units per hour and exhausting to one (1) stack SV#9.

(4) Two (2) natural gas-fired heaters identified as NG #620 and NG #628, with a maximum heat input capacity of 1.296 million Btu per hour each and exhausting to two (2) stacks, SV #620a and SV #628a respectively.

(5) One (1) natural gas-fired heater identified as NG #618, with a maximum heat input capacity of 2.592 million Btu per hour each and exhausting to one (1) stack SV #618a.

(6) One (1) natural gas-fired boiler identified as NG #656, with a maximum heat input capacity of 0.65 million Btu per hour each and exhausting to one (1) stack SV #656.

(7) One (1) natural gas-fired heat identified as NG #660, with a maximum heat input capacity of 1.6 million Btu per hour and exhausting to one (1) stack SV #660.

(8) One (1) natural gas-fired air make-up unit identified as NG #658, with a maximum heat input capacity of 0.185 million Btu per hour each and exhausting to one (1) stack SV #658.

(9) Ten (10) natural gas-fired HVAC units identified as NG #636, NG #638, NG #640, NG #642, NG #644, NG #646, NG #648, NG #650, NG #652, and NG #654, with a maximum heat input capacity of 0.4 million Btu per hour each and exhausting to ten (10) stacks, SV#636, SV#638, SV#640, SV#642, SV#644, SV#646, SV#648, SV#650, SV#652, and SV#654, respectively.

(10) Two (2) natural gas-fired heaters identified as NG #630 and NG #632, with a maximum heat input capacity of 0.12 million Btu per hour each and exhausting to two (2) stacks, SV #630 and SV #632 respectively.

(11) One (1) natural gas-fired heater identified as NG #634, with a maximum heat input capacity of 0.06 million Btu per hour each and exhausting to one (1) stack SV #634.

(12) One (1) natural gas fired flash off oven, identified as #628B, to be constructed in 2004, with a maximum heat input capacity of 1.0 MMBtu/hr, and exhausting through stack 7b.

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

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(13) One (1) natural gas fired finish line oven, identified as #628C, to be constructed in 2004, with a maximum heat input capacity of 0.4 MMBtu/hr, and exhausting through stack 7c.

(14) One (1) natural gas fired air make-up unit, identified as #664, to be constructed in 2004, with a maximum heat input capacity of 2.9 MMBtu/hr, and exhausting through stack 24.

(15) Two (2) natural gas fired HVAC units, identified as #668 and #670, to be constructed in 2004, each with a maximum heat input capacity of 0.2 MMBtu/hr, and exhausting through stacks 25 and 26, respectively.

(16) One (1) natural gas fired HVAC unit, identified as #672, to be constructed in 2004, with a maximum heat input capacity of 0.04 MMBtu/hr, and exhausting through stack 27.

(17) One (1) natural gas fired boiler, identified as #674, to be constructed in 2004, with a maximum heat input capacity of 0.6 MMBtu/hr, and exhausting through stack 28.

(18) One (1) pump house heater, identified as #676, to be constructed in 2004, using natural gas as fuel, with a maximum heat input capacity of 0.185 MMBtu/hr, and exhausting through stack 29.

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

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.4.1 Particulate Matter (PM) [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2(b)(3)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from natural gas combustion shall be limited to 0.01 grain per dry standard cubic foot.

Compliance Determination Requirement

D.4.2 Testing Requirements [326 IAC 2-8-5(a)(1), (4)][326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter limit specified in Condition D.4.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

(c) One (1) stain spray booth, identified as EU #618, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 2.44 gallons per hour, and exhausting to stack 2.

(d) One (1) rim seal spray booth, identified as EU #620, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 0.31 gallons per hour, and exhausting to stack 3.

(e) One (1) UV line spray booth identified as EU #622, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and a wet system for control, spraying wood office furniture with a maximum coating usage of 1.57 gallons per hour, and exhausting to stack 4.

(f) One (1) spray booth identified as EU #628, constructed in 2000 and to be modified in 2004, utilizing high volume, low pressure spray application method and dry filter for control, spraying wood office furniture with a maximum coating usage of 0.054 gallons per hour, and exhausting to stack 7a.

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

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.5.1 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 for booths EU #618, EU #620, EU #622:

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.5.2 Particulate Matter (PM) [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from each of the spray booths EU #618, EU #620, EU #622, and EU #628 shall be limited to less than 0.03 grain per dry standard cubic foot.

D.5.3 PM Emissions [326 IAC 2-2]

In order to make the requirements of 326 IAC 2-2 (PSD) not applicable, the PM emissions shall not exceed the following emission limits:

Unit ID	PM Emission Limits (lbs/hr)	PM Emission Limit (tons/yr)
Booth EU #618	0.468 lbs/hr	2.05*
Booth EU #620	0.228 lbs/hr	1.00*
Booth EU #622	1.95 lbs/hr*	8.54
Booth EU #628	0.228 lbs/hr	1.00*

* These emissions limits were established in SPR #037-12356-00084, issued on November 20, 2000.

These limits are equivalent to 12.6 tons/yr of PM emissions from these booths. Combined with the PM emissions from the other units, the PM emissions from the entire source are limited to less than 250 tons/yr. Therefore, the requirements of 326 IAC 2-2 (PSD) are not applicable.

D.5.4 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4] [326 IAC 2-2]

(a) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from spray booth EU #618, including both filterable and condensible fractions shall not exceed 0.468 pounds per hour.

(b) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from spray booth EU #620, including both filterable and condensible fractions shall not exceed 0.228 pounds per hour.

(c) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from spray booth EU #622, including both filterable and condensible fractions shall not exceed 1.95 pounds per hour.

(d) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions spray booth EU #628, including both filterable and condensible fractions shall not exceed 0.228 pounds per hour.

The limits above are equivalent to 12.6 tons/yr of PM10 emissions. Combined with the PM10 emissions from the other units, the PM10 emissions from the entire source are limited to less than 100 tons/yr. Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) and 326 IAC 2-2 (PSD) are not applicable.

D.5.5 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, the total VOC input to spray booths EU #618, EU #620, EU #622, and EU #628, and their associated clean-up activities shall be limited to less than 90.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Combined with the VOC emissions from other units, the VOC emissions from the entire source are limited to less than 100 tons/yr. Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) are not applicable.

D.5.6 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control device.

Compliance Determination Requirements

D.5.7 Particulate Matter (PM) and PM10

The dry filter control and the wet system for PM and PM10 control shall be in place and controlling overspray emissions at all times when the spray booths (EU #618, EU #620, EU #622,

EU #628) are in operation.

D.5.8 Volatile Organic Compounds (VOC)[326 IAC 8-1-2][326 IAC 8-1-4]

Compliance with the VOC input limit contained in Conditions D.5.5 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.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.5.9 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (Stacks 2, 3, 4, and 7a) while the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a deviation from this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a deviation from this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.5.10 Record Keeping Requirements

(a) To document compliance with Condition D.5.5, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limit established in Condition D.5.5.

(1) The VOC content of each coating material and solvent used.

(2) The amount of coating material and solvent less water used on daily 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 total VOC input for each month.

(4) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.5.9, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.5.5 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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Indiana Laminate
Source Address: 1101 West 100 South, Jasper, Indiana 47547-0270
Mailing Address: 1224 Mill Street, P.O. Box 270, Jasper, Indiana 47547-0270
FESOP No.: F037-10198-00084

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

Annual Compliance Certification Letter

Test Result (specify) _____

Report (specify) _____

Notification (specify) _____

Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY/DEVIATION OCCURRENCE REPORT

Source Name: Indiana Laminate
Source Address: 1101 West 100 South, Jasper, Indiana 47547-0270
Mailing Address: 1224 Mill Street, P.O. Box 270, Jasper, Indiana 47547-0270
FESOP No.: F037-10198-00084

This form consists of 2 pages **Page 1 of 2**

Check either No. 1 or No.2
9 1. This is an emergency as defined in 326 IAC 2-7-1(12) CThe Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and CThe Permittee must submit notice in writing or by facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2. This is a deviation, reportable per 326 IAC 2-8-4(3)(c) CThe Permittee must submit notice in writing within ten (**10**) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

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

FESOP Quarterly Report

Source Name: Indiana Laminate
Source Address: 1101 West 100 South, Jasper, Indiana 47547-0270
Mailing Address: 1224 Mill Street, P.O. Box 270, Jasper, Indiana 47547-0270
FESOP No.: F037-10198-00084
Facility: Spray Booths EU #618, EU #620, EU #622, and EU # 628
Parameter: VOC Input
Limit: Less than 90 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:_____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY COMPLIANCE MONITORING REPORT

Source Name: Indiana Laminate
Source Address: 1101 West 100 South, Jasper, Indiana 47547-0270
Mailing Address: 1224 Mill Street, P.O. Box 270, Jasper, Indiana 47547-0270
FESOP No.: F037-10198-00084

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (eg. Permit Condition D.1.3)	**Number of Deviations**	**Date of each Deviation**

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit

Source Background and Description

Source Name:	Indiana Laminate
Source Location:	1101 West 100 South, Jasper, Indiana 47546
County:	Dubois
SIC Code:	2511
Operation Permit No.:	037-10198-00084
Operation Permit Issuance Date:	June 24, 1999
Permit Revision No.:	037-19684-00084
Permit Reviewer:	ERG/YC

The Office of Air Quality (OAQ) has reviewed a revision application from Indiana Laminate relating to the modification of the following emission units to increase the throughput rates of these units:

(a) One (1) stain spray booth, identified as EU #618, constructed in 2000 and to be modified in 2004, with a maximum coating usage of 2.44 gallons per hour, using dry filters for control, and exhausting to stack 2.

(b) One (1) rim seal spray booth, identified as EU #620, constructed in 2000 and to be modified in 2004, with a maximum coating usage of 0.31 gallons per hour, using dry filters for control, and exhausting to stack 3.

(c) One (1) UV line spray booth, identified as EU #622, constructed in 2000 and to be modified in 2004, with a maximum coating usage of 1.57 gallons per hour, using a wet system for control, and exhausting to stack 4.

(d) One (1) spray booth, identified as EU #628, constructed in 2000 and to be modified in 2004, with a maximum coating usage of 0.054 gallons per hour, using dry filters for control, and exhausting to stack 7a.

The source also proposed to construct and operate the following insignificant units (as defined in 326 IAC 2-7-1(21)):

(a) One (1) natural gas fired flash off oven, identified as #628B, to be constructed in 2004, with a maximum heat input capacity of 1.0 MMBtu/hr, and exhausting through stack 7b.

(b) One (1) natural gas fired finish line oven, identified as #628C, to be constructed in 2004, with a maximum heat input capacity of 0.4 MMBtu/hr, and exhausting through stack 7c.

(c) One (1) natural gas fired air make-up unit, identified as #664, to be constructed in 2004, with a maximum heat input capacity of 2.9 MMBtu/hr, and exhausting through stack 24.

(d) Two (2) natural gas fired HVAC units, identified as #668 and #670, to be constructed in 2004, each with a maximum heat input capacity of 0.2 MMBtu/hr, and exhausting through stacks 25 and 26, respectively.

(e) One (1) natural gas fired HVAC unit, identified as #672, to be constructed in 2004, with a maximum heat input capacity of 0.04 MMBtu/hr, and exhausting through stack 27.

(f) One (1) natural gas fired boiler, identified as #674, to be constructed in 2004, with a maximum heat input capacity of 0.6 MMBtu/hr, and exhausting through stack 28.

(g) One (1) pump house heater, identified as #676, to be constructed in 2004, using natural gas as fuel, with a maximum heat input capacity of 0.185 MMBtu/hr, and exhausting through stack 29.

History

Indiana Laminate is an existing wood furniture manufacturing plant and was permitted to operate in FESOP #037-10198-00084, issued on June 24, 1999. On July 13, 2004, Indiana Laminate submitted an application to the OAQ requesting an expansion of their existing wood and plastic coating operations. This expansion consists of rearranging the existing four (4) spray booths, adding four (4) UV coaters, and adding eight (8) natural gas fired insignificant units to form a new finishing line. The UV coaters use only solid coatings and have no VOC emissions. The potential to emit PM/PM10 from UV coaters is negligible. Therefore, these UV coaters are considered insignificant units.

The Permittee stated that there is one existing UV coater at this source. The additional four (4) UV coaters will allow the Permittee to increase the throughput rate of the wood coating operations performed in the existing spray booths. The potential to emit VOC from the entire source will be greater than 100 tons/yr after this revision. The Permittee has accepted a FESOP limit to limit the VOC emissions from the entire source to less than 100 tons/yr.

Existing Approvals

The source was issued a FESOP (F037-10198-00084) on June 24, 1999. The source has since received the following:

(a) First Significant Permit Revision No.: 037-12356-00084, issued on November 20, 2000.

(b) First Reopening No.: 037-13025-00084, issued on November 22, 2002.

Enforcement Issue

There are no enforcement actions pending.

Stack Summary

Stack ID	Operation	Height (feet)	Diameter (feet)	Flow Rate (acfm)	Temperature (^{0}F)
7b	Oven #628B	29	2.33	16,000	100
7c	Oven #628C	26	1.50	1,260	100
24	Air Make-up Unit #664	5.0	0.67	375	100
25	HVAC Unit #668	5.0	0.67	375	100
26	HVAC Unit #670	5.0	0.67	375	100
27	HVAC #672	5.0	0.67	375	100
28	Boiler #674	26	0.83	375	100
29	Heater #676	26	0.67	375	100

Recommendation

The staff recommends to the Commissioner that the Significant Permit Revision 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 July 13, 2004. Additional information was received on August 4, 2004, and September 16, 2004.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (pages 1 through 3).

Potential To Emit of the Revision

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source 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."

This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	9.67
PM-10	9.67
SO_2	0.01
VOC	102
CO	2.03
NO_x	2.42

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential To Emit (tons/year)
Toluene	0.03
MEK	0.02
Ethylbenzene	0.28
m-Xylene	0.31
n-Xylene	0.31
Formaldehyde	0.06
Xylene	0.25
Methanol	0.06
TOTAL	1.32

Justification for Permit Revision

This revision is being performed as a Significant Permit Revision because the potential to emit VOC is greater than 25 tons, pursuant to 326 IAC 2-8-11.1(f)(1)(E).

Potential to Emit After Revision

The table below summarizes the total potential to emit, reflecting all limits, of the significant emission units after control. The control equipment is considered federally enforceable only after

issuance of this Permit Revision. Bolded language represents the new PTE of the units after this revision. The numbers with a line through them represent the PTE of the existing units before this revision.

	Potential to Emit (tons/year)						
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	HAPs
Modified Spray Booths #618, #620, #622, and #624	Less than 12.6	Less than 12.6	-	~~69.6~~ **Less than 90.0**	-	-	~~0.64~~ **1.32** for total HAPs
Proposed NG Fired Units	0.18	0.18	0.01	0.13	2.03	2.42	Negligible
Existing Units, Excluding the Modified Spray Booths*	219	86.3	5.03	6.29	11.4	5.22	2.10
Total PTE of the Entire Source after this Revision	Less than 232	Less than 99.1	5.04	Less than 96.4	13.4	7.64	3.42
Title V Major Source Thresholds	NA	100	100	100	100	100	10 for a single HAP and 25 for total HAPs.

(*) The potential to emit of these existing units is from the TSD for SPR #037-12356-00084, issued on November 20, 2000. This excludes the PTE of booths #618, #620, #622, and #628.

After adding the new natural gas fired units and adding a FESOP limit for the modified spray booths, the potential to emit of the criteria pollutants from the entire source is still limited to less than the Title V major source thresholds. Therefore, the requirements of 326 IAC 2-7 are not applicable to this source.

County Attainment Status

The source is located in Dubois County.

Pollutant	Status
PM-10	Attainment
SO_2	Attainment
NO_2	Attainment
1-hour Ozone	Attainment
1-8 hour Ozone	Attainment
CO	Attainment
Lead	Attainment

(a) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) 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 emissions and NOx are considered when evaluating the rule applicability relating to ozone. Dubois County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions and NOx were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) Dubois County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(c) Fugitive Emissions
Since this type of operation is not in one of the 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 PM and VOC emissions are not counted toward determination of PSD applicability.

Federal Rule Applicability

(a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this revision.

(b) The New Source Performance Standards for Small Industrial - Commercial - Institutional Steam Generating Units (326 IAC 12, 40 CFR 60.40c-48c, Subpart Dc) are not applicable to this boiler. The proposed boiler #674 has a maximum heat input less than 10 MMBtu/hr.

(c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 20, and 40 CFR Part 61 and 63) applicable to this modification.

(d) The requirements of the National Emission Standards for Wood Furniture Manufacturing Operations (326 IAC 20-14, 40 CFR 63.800 - 63.808, Subpart JJ) are not applicable to this modification. This existing wood furniture manufacturing plant does not have potential to emit of HAPs greater than 10 tons/yr for a single HAP and greater 25 tons/yr for any combination of HAPs.

(e) The proposed boiler #674 is not subject to the National Emission Standards for Hazardous Air Pollutants - Industrial/Commercial/Institutional Boilers and Process Heaters (40 CFR 63, Subpart DDDDD). This existing wood furniture manufacturing plant is not a major source for HAPs.

State Rule Applicability - Entire Source

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

This source was constructed in 1996 and modified in 2000 and 2004 (this revision). This source is not in 1 of 28 source categories defined in 326 IAC 2-2-1(p)(1). The potential to emit PM and PM10 from this source is greater than 250 tons/yr. The source has accepted FESOP limits to limit the PM10 emissions from the entire source to less than 100 tons/yr.

Pursuant to SPR #037-12356-00084, issued on November 20, 2000, the PM emissions from spray booths EU #618, EU #620, EU #622, and EU #628 were limited as follows:

Unit ID	PM Emission Limit
Booth EU #618	2.05 tons/yr
Booth EU #620	1.00 tons/yr
Booth EU #622	1.95 lbs/hr (=8.54 tons/yr)
Booth EU #628	2.00 tons/yr

Since the tons/yr limits are not enforceable, the following equivalent pounds per hour limits for booths EU #618, EU #620, and EU #628 have been added to the revised permit:

Unit ID	PM Emission Limits (lbs/hr)
Booth EU #618	0.468 lbs/hr
Booth EU #620	0.228 lbs/hr
Booth EU #628	0.228 lbs/hr

According to the emission calculations in Appendix A, the source will still be in compliance with the above PM limits after this revision. The use of dry filters ensures compliance with these limits. There are no changes to the existing woodworking operations and the associated emission limits. Combined with the PM emissions from other exiting units and the proposed new natural gas fired units, the PM emissions from the entire source are limited to less than 250 tons/yr.

The source has accepted FESOP limits to limit the PM10 and VOC emissions from the entire source to less 100 tons/yr (see the discussion for FESOP limits below). Therefore, this source is still a minor source under 326 IAC 2-2 (PSD).

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

The potential to emit HAP from this modification is less than 10 tons/yr for a single HAP and less than 25 tons/yr for any combination of HAPs. Therefore, the requirements of 326 IAC 2-4.1 are not applicable.

326 IAC 2-8-4 (FESOP)

The potential to emit PM10 from the existing source is greater than 100 tons/yr. The source accepted the FESOP limits to limit the PM10 emissions from the entire source to less than 100 tons/yr. The use of baghouses for woodworking operations and the use of dry filters for spray booths ensure compliance with the PM10 emission limits.

Pursuant to SPR #037-12356-00084, issued on November 20, 2000, spray booths EU #618, EU #620, EU #622, and EU #628 are required to comply with the following FESOP limits:

Unit ID	PM10 Emission Limit
Booth EU #618	0.468 lbs/hr
Booth EU #620	0.228 lbs/hr
Booth EU #622	1.95 lbs/hr
Booth EU #628	0.228 lbs/hr

The limits in the table above are equivalent to 12.6 tons/yr of PM10 emissions from spray booths EU #618, EU #620, EU #622, and EU #628. According to the emission calculations in Appendix A, the source will still be in compliance with the above PM10 limits after this revision. The use of dry filters ensures compliance with these limits.

The potential to emit VOC from the entire source was less than 100 tons/yr before this revision. After this revision, the potential to emit VOC from booths EU #618, EU #620, EU #622, and EU #628 will be increased to greater than 100 tons/yr due to the increase in paint usage and production rates. In order to maintain the FESOP status, the source has agreed to limit the total VOC input to spray booths EU #618, EU #620, EU #622, and EU #628, and their associated clean-up activities to less than 90.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Combined with the VOC emissions from other existing units (6.29 tons/yr) and the proposed natural gas fired units (0.13 tons/yr), the VOC emissions from the entire source will be limited to less than 100 tons/yr after this revision.

Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) are not applicable.

326 IAC 5-1 (Opacity Limitations)

This source is located in Dubois County. 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 thirty percent (30%) 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 - Spray Booths EU #618, EU #620, EU #622, and EU #628

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

Spray booths EU #618, EU #620, EU #622, and EU #628 were constructed after July 1, 1991 and are used to paint wood furniture. The potential to emit VOC for booth EU #628 is less than 15 pounds per day. Therefore, booth #628 is exempt from the requirements of 326 IAC 8-2, pursuant to 326 IAC 8-2-1(a)(4). The actual VOC emissions from the each of booths EU #618, EU #620, and EU #622 are greater than 15 pounds per day. Therefore, these booths are subject to the requirements of 326 IAC 8-2-12. Pursuant to 326 IAC 8-2-12, 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.

326 IAC 8-1-6 (General Reduction Requirements for VOC Emissions)

Spray booths EU #618, EU #620, EU #622, and EU #628 were constructed after 1980. However, the potential VOC emissions from booths EU #620 and EU #628 are less than 25 tons/yr and the requirements of 326 IAC 8-2-12 apply to booths EU #618 and EU #622. Therefore, the requirements of 326 IAC 8-1-6 (BACT) are not applicable to booths EU #618, EU #620, EU #622, and EU #628.

326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations)

This source is located in Dubois County and is not specifically listed in Sections 326 IAC 6-1-8.1 through 326 IAC 6-1-18. The potential to emit PM of this source is greater than 100 tons/yr. Therefore, this source is subject to the requirements in 326 IAC 6-1-2. Pursuant to 326 IAC 6-1-2(a), particulate matter (PM) from each of spray booths EU #618, EU #620, EU #622, and EU #628 shall not exceed 0.03 grain per dry standard cubic foot (gr/dscf) of exhaust air.

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

Since spray booths EU #618, EU #620, EU #622, and EU #628 are subject to the PM emission limitations in 326 IAC 6-1, the requirements of 326 IAC 6-3 are not applicable, pursuant to 326 IAC 6-3-1(c)(3).

State Rule Applicability - Proposed Natural Gas Fired Units (Insignificant)

326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations)

This source is located in Dubois County and is not specifically listed in Sections 326 IAC 6-1-8.1 through 326 IAC 6-1-18. The potential to emit PM of this source is greater than 100 tons/yr. Therefore, this source is subject to 326 IAC 6-1-2. Pursuant to 326 IAC 6-1-2(b)(3), particulate matter (PM) from each of the gaseous fuel fired units shall not exceed 0.01 grain per dry standard cubic foot (gr/dscf) of exhaust air.

326 IAC 6-2 (Particulate Emissions for Sources of Indirect Heating)

Since boiler #674 is subject to the PM emission limitations in 326 IAC 6-1, the requirements of 326 IAC 6-2 are not applicable, pursuant to 326 IAC 6-2-1(e).

Compliance Requirements

Permits issued under 326 IAC 2-8 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 2-8-4. 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 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.

1. The spray booths EU #618, EU #620, EU #622, and EU #628 have applicable compliance monitoring conditions as specified below:

   (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (stacks 2, 3, 4, and 7a) while the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

   (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission occurs or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

   (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

   These monitoring conditions are necessary because the dry filters for these booths must operate properly to ensure compliance with 326 IAC 2-2 (PSD), 326 IAC 2-8-4(FESOP), and 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations).

Proposed Changes

Language with a line through it has been deleted, and bold language has been added. The Table of Contents has been updated as necessary.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary wood furniture manufacturing plant.

Authorized individual:	~~John Bieker~~**V.P. Human Resources and Sales**
Source Address:	1101 West 100 South, Jasper, IN 47546
Mailing Address:	P.O. Box 270, 1224 N. Mill Street, Jasper, IN 47547
Phone Number:	(812) 482-5727
SIC Code:	2511
County Location:	Dubois
Source Location~~County~~ Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source under PSD Rules **Not in 1 of 28 Source Categories**

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

(a) One (1) woodworking operation constructed on November 3, 1997, identified as EU#17 with a maximum capacity of 9,414 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#2, and exhausting to one (1) stack, identified as SV#7.

(b) One (1) woodworking operation identified as EU #600 with a maximum capacity of 4,224 pounds of plywood panels for office furniture per hour, with emissions controlled by one (1) baghouse, identified as CE#4, and exhausting to one (1) stack, identified as SV#600.

(c) One (1) **stain** spray booth**,** identified as EU #**618**~~622~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 2.44 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **2**~~, identified as SV #622~~.

(d) One (1) **rim seal** spray booth**,** identified as EU #**620**~~618~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 0.31 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **3**~~, identified as SV #618~~.

(e) One (1) **UV line** spray booth identified as EU #**622**~~620~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and **a wet system** ~~dry filter~~ **for** control, spraying wood office furniture with a maximum **coating usage of 1.57 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **4**~~, identified as SV #620~~.

(f) One (1) spray booth identified as EU #628, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 0.054 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **7a**~~, identified as SV #628~~.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

...

(e) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(12) One (1) natural gas fired flash off oven, identified as #628B, to be constructed in 2004, with a maximum heat input capacity of 1.0 MMBtu/hr, and exhausting through stack 7b.

(13) One (1) natural gas fired finish line oven, identified as #628C, to be constructed in 2004, with a maximum heat input capacity of 0.4 MMBtu/hr, and exhausting through stack 7c.

(14) One (1) natural gas fired air make-up unit, identified as #664, to be constructed in 2004, with a maximum heat input capacity of 2.9 MMBtu/hr, and exhausting through stack 24.

(15) Two (2) natural gas fired HVAC units, identified as #668 and #670, to be constructed in 2004, each with a maximum heat input capacity of 0.2 MMBtu/hr, and exhausting through stacks 25 and 26, respectively.

(16) One (1) natural gas fired HVAC unit, identified as #672, to be constructed in 2004, with a maximum heat input capacity of 0.04 MMBtu/hr, and exhausting through stack 27.

(17) One (1) natural gas fired boiler, identified as #674, to be constructed in 2004, with a maximum heat input capacity of 0.6 MMBtu/hr, and exhausting through stack 28.

(18) One (1) pump house heater, identified as #676, to be constructed in 2004, using natural gas as fuel, with a maximum heat input capacity of 0.185 MMBtu/hr, and exhausting through stack 29.

...

(m) Other activities or categories not previously identified:

(1) CL2370 Booth Coat used in the Veneer Spray Booth, identified as EU#16, emitting less than 3 lbs/hr or 15 lbs/day of VOC

(2) Two (2) above ground storage tanks constructed on March 8, 1996, identified as 527and 528, each with a maximum capacity of 1900 gallons.

(3) Five (5) UV coaters.

D.1.4 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition ~~D.2.1~~ **D.1.1** shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(e) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas-fired heaters constructed on March 8, 1996, identified as EU#1 and EU#2, with a maximum heat input capacity of 0.8 million British Thermal Units per hour each and exhausting to two (2) stacks, SV#1 and SV#2 respectively.

(2) One (1) natural gas-fired boiler, constructed on March 8, 1996, identified as EU#3, with a maximum heat input capacity of 0.8 million British Thermal Units per hour connected to stack, and exhausting to one (1) stack SV#3.

(3) One (1) natural gas-fired heater constructed on November 3, 1997, identified as EU#42, with a maximum heat input capacity of 0.8 million British Thermal Units per hour and exhausting to one (1) stack SV#9.

(4) Two (2) natural gas-fired heaters identified as NG #620 and NG #628, with a maximum heat input capacity of 1.296 million Btu per hour each and exhausting to two (2) stacks, SV #620a and SV #628a respectively.

(5) One (1) natural gas-fired heater identified as NG #618, with a maximum heat input capacity of 2.592 million Btu per hour each and exhausting to one (1) stack SV #618a.

(6) One (1) natural gas-fired boiler identified as NG #656, with a maximum heat input capacity of 0.65 million Btu per hour each and exhausting to one (1) stack SV #656.

(7) One (1) natural gas-fired heat identified as NG #660, with a maximum heat input capacity of 1.6 million Btu per hour and exhausting to one (1) stack SV #660.

(8) One (1) natural gas-fired air make-up unit identified as NG #658, with a maximum heat input capacity of 0.185 million Btu per hour each and exhausting to one (1) stack SV #658.

(9) Ten (10) natural gas-fired HVAC units identified as NG #636, NG #638, NG #640, NG #642, NG #644, NG #646, NG #648, NG #650, NG #652, and NG #654, with a maximum heat input capacity of 0.4 million Btu per hour each and exhausting to ten (10) stacks, SV#636, SV#638, SV#640, SV#642, SV#644, SV#646, SV#648, SV#650, SV#652, and SV#654, respectively.

(10) Two (2) natural gas-fired heaters identified as NG #630 and NG #632, with a maximum heat input capacity of 0.12 million Btu per hour each and exhausting to two (2) stacks, SV #630 and SV #632 respectively.

(11) One (1) natural gas-fired heater identified as NG #634, with a maximum heat input capacity of 0.06 million Btu per hour each and exhausting to one (1) stack SV #634.

(12) One (1) natural gas fired flash off oven, identified as #628B, to be constructed in 2004, with a maximum heat input capacity of 1.0 MMBtu/hr, and exhausting through stack 7b.

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

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(13) One (1) natural gas fired finish line oven, identified as #628C, to be constructed in 2004, with a maximum heat input capacity of 0.4 MMBtu/hr, and exhausting through stack 7c.

(14) One (1) natural gas fired air make-up unit, identified as #664, to be constructed in 2004, with a maximum heat input capacity of 2.9 MMBtu/hr, and exhausting through stack 24.

(15) Two (2) natural gas fired HVAC units, identified as #668 and #670, to be constructed in 2004, each with a maximum heat input capacity of 0.2 MMBtu/hr, and exhausting through stacks 25 and 26, respectively.

(16) One (1) natural gas fired HVAC unit, identified as #672, to be constructed in 2004, with a maximum heat input capacity of 0.04 MMBtu/hr, and exhausting through stack 27.

(17) One (1) natural gas fired boiler, identified as #674, to be constructed in 2004, with a maximum heat input capacity of 0.6 MMBtu/hr, and exhausting through stack 28.

(18) One (1) pump house heater, identified as #676, to be constructed in 2004, using natural gas as fuel, with a maximum heat input capacity of 0.185 MMBtu/hr, and exhausting through stack 29.

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

D.4.1 Particulate Matter (PM) [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2~~(a)~~**(b)(3)**(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from natural gas combustion shall be limited to 0.01 grain per dry standard cubic foot.

. . . .

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

(~~a~~**c**) One (1) **stain** spray booth**,** identified as EU #**618**~~622~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 2.44 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **2**~~, identified as SV #622~~.

(~~b~~**d**) One (1) **rim seal** spray booth**,** identified as EU #**620**~~618~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 0.31 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **3**~~, identified as SV #618~~.

(~~c~~**e**) One (1) **UV line** spray booth identified as EU #**622**~~620~~, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and **a wet system**~~dry filter~~ **for** control, spraying wood office furniture with a maximum **coating usage of 1.57 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **4**~~, identified as SV #620~~.

(~~d~~**f**) One (1) spray booth identified as EU #628, **constructed in 2000 and to be modified in 2004,** utilizing high volume, low pressure spray application method and dry filter **for** control, spraying wood office furniture with a maximum **coating usage of 0.054 gallons** ~~of 20 units~~ per hour**,** and exhausting to ~~one (1)~~ stack **7a**~~, identified as SV #628~~.

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

D.5.1 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 **for booths EU #618, EU #620, and EU #622**:

. . . .

D.5.2 Particulate Matter (PM) [326 IAC 6-1-2]

~~(a)~~ Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from **each of the spray booths EU #618, EU #620, EU #622, and EU #628** ~~the surface coating facilities stack/vent SV#618~~ shall be limited to **less than** 0.03 grain per dry standard cubic foot. ~~Total PM emissions from EU#618 shall be limited to 2.05 tons per year.~~

~~(b) Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating facilities stack/vent SV#620 shall be limited to 0.03 grain per dry standard cubic foot. Total PM emissions from EU#620 shall be limited to 1.00 tons per year.~~

~~(c) Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating facilities stack/vent SV#622 shall be limited to 0.03 grain per dry standard cubic foot, equivalent to 1.95 pounds per hour.~~

~~(d) Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating facilities stack/vent SV#628 shall be limited to 0.03 grain per dry standard cubic foot. Total PM emissions from EU#628 shall be limited to 1.00 tons per year.~~

D.5.3 PM Emissions [326 IAC 2-2]

In order to make the requirements of 326 IAC 2-2 (PSD) not applicable, the PM emissions shall not exceed the following emission limits:

Unit ID	PM Emission Limits (lbs/hr)	PM Emission Limit (tons/yr)
Booth EU #618	0.468 lbs/hr	2.05*
Booth EU #620	0.228 lbs/hr	1.00*
Booth EU #622	1.95 lbs/hr*	8.54
Booth EU #628	0.228 lbs/hr	1.00*

*** These emissions limits were established in SPR #037-12356-00084, issued on November 20, 2000.**

These limits are equivalent to 12.6 tons/yr of PM emissions from these booths. Combined with the PM emissions from the other units, the PM emissions from the entire source are limited to less than 250 tons/yr. Therefore, the requirements of 326 IAC 2-2 (PSD) are not applicable.

D.5.~~4~~3 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4]**[326 IAC 2-2]**

(a) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from ~~the surface coating facilities stack/vent SV~~ **spray booth EU** #618, including both filterable and condensible fractions shall not exceed 0.468 pounds per hour. ~~Therefore; the Part 70 rules (326 IAC 2-7) do not apply.~~

(b) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from ~~the surface coating facilities stack/vent SV~~ **spray booth EU** #620, including both filterable and condensible fractions shall not exceed 0.228 pounds per hour. ~~Therefore; the Part 70 rules (326 IAC 2-7) do not apply.~~

(c) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions from ~~the surface coating facilities stack/vent SV~~ **spray booth EU** #622, including both filterable and condensible fractions shall not exceed 1.95 pounds per hour. ~~Therefore; the Part 70 rules (326 IAC 2-7) do not apply.~~

(d) Pursuant to 326 IAC 2-8-4 particulate matter 10 microns emissions ~~the surface coating facilities stack/vent SV~~ **spray booth EU** #628, including both filterable and condensible fractions shall not exceed 0.228 pounds per hour. ~~Therefore; the Part 70 rules (326 IAC 2-7) do not apply.~~

The limits above are equivalent to 12.6 tons/yr of PM10 emissions. Combined with the PM10 emissions from the other units, the PM10 emissions from the entire source are limited to less than 100 tons/yr. Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) and 326 IAC 2-2 (PSD) are not applicable.

D.5.5 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, the total VOC input to spray booths EU #618, EU #620, EU #622, and EU #628, and their associated clean-up activities shall be limited to less than 90.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Combined with the VOC emissions from other units, the VOC emissions from the entire source are limited to less than 100 tons/yr. Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) are not applicable.

D.5.~~4~~**6** Preventive Maintenance Plan [326 IAC 2-8-4(9)]

~~D.5.5 Testing Requirements [326 IAC 2-8-5(a)(1),(4)] [326 IAC 2-1.1-11]~~

~~The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.5.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.~~

D.5.~~6~~**7** Particulate Matter (PM) **and PM10**

The dry filter control **and the wet system** for PM **and PM10** control shall be in place and controlling overspray emissions at all times when the spray booths (EU #618, EU #620, EU #622, EU #628) are in operation.

D.5.8 Volatile Organic Compounds (VOC)[326 IAC 8-1-2][326 IAC 8-1-4]

Compliance with the VOC input limit contained in Conditions D.5.5 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.5.~~7~~**9** Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (**Stacks 2, 3, 4, and 7a**~~SV #618, SV #620, SV #622, SV #628~~) while the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a ~~violation of~~**deviation from** this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a ~~violation of~~**deviation from** this permit.

D.5.~~8~~**10** Record Keeping Requirements

(a) To document compliance with Condition D.5.5, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limit established in Condition D.5.5.

(1) The VOC content of each coating material and solvent used.

(2) The amount of coating material and solvent less water used on daily 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 total VOC input for each month.

(4) The weight of VOCs emitted for each compliance period.

(~~a~~**b**) To document compliance with Condition D.5.~~7~~**9**, the Permittee shall maintain **a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan**~~records of the results of the inspections required under D.5.7~~.

(~~b~~**c**) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.5.5 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

FESOP Quarterly Report

Source Name: **Indiana Laminate**
Source Address: **1101 West 100 South, Jasper, Indiana 47547-0270**
Mailing Address: **1224 Mill Street, P.O. Box 270, Jasper, Indiana 47547-0270**
FESOP No.: **F037-10198-00084**
Facility: **Spray Booths EU #618, EU #620, EU #622, and EU # 628**
Parameter: **VOC Input**
Limit: **Less than 90 tons per twelve (12) consecutive month period with compliance determined at the end of each month.**

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:_____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Conclusion

This permit revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 037-19684-00084.

Appendix A: Emission Calculations
VOC and PM/PM10 Emissions
From Spray Booths EU #618, EU #620, EU #622, EU #628

Company Name: Indiana Laminate
Address: 1101 W. 100 S., Jasper, IN 47546
SPR: 037-19684-00084
Reviewer: ERG/YC
Date: September 16, 2004

Unit	Worst Case Coating	Density (lbs/gal)	Weight % Volatile (H_2O & Organics)	Weight % Water	Weight % Organics	Maximum Throughput (unit/hr)	Maximum Usage (gal/unit)	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	*PTE of PM/PM10 before Control (lbs/hr)	*PTE of PM/PM10 before Control (ton/yr)	**Transfer Efficiency	PM/PM10 Control Efficiency	PTE of PM/PM10 after Control (lbs/hr)	PTE of PM/PM10 after Control (tons/yr)
#618	RM Wipe Stain	7.60	93.54%	14%	79.5%	12.0	0.2030	6.05	14.7	353	64.5	0.42	1.83	65%	80%	0.08	0.37
#620	Vinyl Chemeseal	7.51	72.76%	21%	51.8%	12.0	0.0262	3.89	1.22	29.3	5.35	0.23	0.99	65%	80%	0.05	0.20
#622	UV Spray	7.91	66.57%	10%	56.6%	12.0	0.1313	4.47	7.05	169	30.9	1.46	6.39	65%	80%	0.29	1.28
#628	Danspeed Elite	8.02	57.59%	0.0%	57.6%	1.50	0.0362	4.62	0.25	6.02	1.10	0.06	0.28	65%	80%	0.01	0.06
Total	**Total**								**23.2**		**102**		**9.49**				**1.90**

*Assume all the PM emissions are PM10 emissions.
** HVLP application method is used in this booth. The transfer efficiency is from an HVLP document prepared by BINKS.

METHODOLOGY

Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)
PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lbs/gal) * Max. Throughput (unit/hr) * Max. Usage (gal/unit)
PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lbs/gal) * Max. Throughput (unit/hr) * Max. Usage (gal/unit) * (24 hr/day)
PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lbs/gal) * Max. Throughput (unit/hr) * Max. Usage (gal/unit) * (8760 hr/yr) * (1 ton/2000 lbs)
PTE of PM/PM10 before Control (lbs/hr) = Max. Throughput (unit/hr) * Max. Usage (gal/unit) * Density (lbs/gal) * (1- Weight % Volatile) * (1-Transfer efficiency)
PTE of PM/PM10 before Control (tons/yr) = Max. Throughput (unit/hr) * Max. Usage (gal/unit) * Density (lbs/gal) * (1- Weight % Volatile) * (1-Transfer efficiency) * (8760 hrs/yr) *(1 ton/2000 lbs)
PTE of PM/PM10 after Control (lbs/hr) = PTE of PM/PM10 before Control (lbs/hr) * (1 - PM/PM10 Control Efficiency)
PTE of PM/PM10 after Control (tons/yr) = PTE of PM/PM10 before Control (lbs/hr) * (1 - PM/PM10 Control Efficiency) * (8760 hr/yr) x (1 ton/2000 lbs)

Appendix A: Emission Calculations
HAP Emissions
From Spray Booths EU #618, EU #620, EU #622, EU #628

Company Name: Indiana Laminate
Address: 1101 W. 100 S., Jasper, IN 47546
SPR: 037-19684-00084
Reviewer: ERG/YC
Date: September 16, 2004

Unit	*Coating	Density (lbs/gal)	Maximum Throughput (unit/hr)	Maximum Usage (gal/unit)	Weight % Toluene	PTE of Toluene (tons/yr)	Weight % Vinyl Acetate	PTE of Vinyl Acetate (tons/yr)	Weight % MEK	PTE of MEK (tons/yr)	Weight % Ethylbenzene	PTE of Ethylbenzene (tons/yr)	Weight % m-Xylene	PTE of m-Xylene (tons/yr)	Weight % n-Xylene	PTE of n-Xylene (tons/yr)	Weight % Formaldehyde	PTE of Formaldehyde (tons/yr)	Weight % Xylene	PTE of Xylene (tons/yr)	Weight % Methanol	PTE of Methanol (tons/yr)
#618	Booth Coating	7.61	12.0	0.000078	13.5%	4.21E-03	2.41%	7.52E-04	49.0%	0.02	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00
#620	Vinly Chemseal	7.51	12.0	0.026200	0.00%	0.00	0.00%	0.00	0.00%	0.00	2.15%	0.22	3.00%	0.31	3.00%	0.31	0.55%	0.06	0.00%	0.00	0.00%	0.00
#628	Danspeed Elite	8.02	1.50	0.036200	1.50%	0.03	0.00%	0.00	0.00%	0.00	3.11%	0.06	0.00%	0.00	0.00%	0.00	0.07%	0.00	13.2%	0.25	3.00%	0.06
Total						**0.03**		**7.52E-04**		**0.02**		**0.28**		**0.31**		**0.31**		**0.06**		**0.25**		**0.06**

* This is the worst case coating that has the highest HAP emissions. The booth coating used in booth #618 is applied to the booth walls to make it easy to clean. The booth coating usage is lower than the coating used for the products. The coatings applied to the products in booth #618 and the coatings used in booth #622 do not contain any regulated HAPs.

Total HAPs = 1.32 tons/yr

METHODOLOGY

PTE of HAP (tons/yr) = Density (lbs/gal) x Max. Throughput (unit/hr) x Max. Usage (gal/unit) x Weight % HAP x 8760 hr/yr x 1 ton/2000 lbs

Appendix A: Emission Calculations
Natural Gas Combustion
(MMBtu/hr < 100)
From Natural Gas Fired Units

Company Name: Indiana Laminate
Address: 1101 W. 100 S., Jasper, IN 47546
SPR: 037-19684-00084
Reviewer: ERG/YC
Date: September 16, 2004

Heat Input Capacity MMBtu/hr		Potential Throughput MMCF/yr
5.525	(8 Units Total)	48.4

	Pollutant					
	PM*	PM10*	SO_2	**NO_x	VOC	CO
Emission Factor in lbs/MMCF	7.6	7.6	0.6	100	5.5	84.0
Potential to Emit in tons/yr	**0.18**	**0.18**	**0.01**	**2.42**	**0.13**	**2.03**

*PM and PM10 emission factors are condensable and filterable PM10 combined.
**Emission factors for NO_x: Uncontrolled = 100 lbs/MMCF.
Emission factors are from AP-42, Chapter 1.4, Tables 1.4-1, 1.4-2, and 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (AP-42 Supplement D 3/98)

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/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
Potential to Emit (tons/yr) = Potential Throughput (MMCF/yr) x Emission Factor (lbs/MMCF) x 1 ton/2000 lbs