



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: November 10, 2009

RE: Kimball Office - Salem / 175 - 28554 - 00007

FROM: Matthew Stuckey, Branch 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 13-17-3-4 and 326 IAC 2, this approval is effective immediately, unless a petition for stay of effectiveness is filed and granted, 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 4-21.5-3-7 and IC 13-15-7-3 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 Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, 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-MOD.dot 12/3/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

November 10, 2009

Mr. Shawn McCormick
Kimball Office (K.O.) - Salem
200 Kimball Blvd.
Salem, IN 47167

Re: 175-28554-00007
1st Minor Source Modification to:
Part 70 permit No.: T 175-23576-00007

Dear Mr. McCormick:

Kimball Office (K.O.) - Salem was issued Part 70 operating permit T 175-23576-00007 on October 24, 2008, for a stationary wood furniture manufacturing operation. An application to modify the source was received on October 9, 2009. Pursuant to 326 IAC 2-7-10.5 the following emission units are approved for construction at the source:

(a) One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:

(1) One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

(2) One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

(3) One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and

(4) Three (3) halogen ovens and one (1) ultra-violet curing system for drying.

The following construction conditions are applicable to the proposed project:

General Construction Conditions

1. 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 and 326 IAC 2-7-10.5(i), 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.

The source may begin construction when the minor source modification has been issued. Operating conditions shall be incorporated into the Part 70 operating permit as a significant permit modification in accordance with 326 IAC 2-7-10.5(l)(2) and 326 IAC 2-7-12. Operation is not approved until the significant permit modification has been issued.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Madhurima Moulik of my staff at the Indiana Department Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-0868 or toll free at 1-800-451-6027 extension 3-0868.

Sincerely,



Chrystal Wagner, Section Chief
Permits Branch
Office of Air Quality

Attachments

MDM

cc: File - Washington County
Washington County Health Department
Air Compliance and Enforcement



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

Part 70 Minor Source Modification OFFICE OF AIR QUALITY

Kimball Office (K.O.) - Salem
200 Kimball Boulevard
Salem, Indiana 47167

(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 2-7 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.

Minor Source Modification No. 175-28554-00007	
Issued By:  Chrystal A. Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: November 10, 2009

TABLE OF CONTENTS

SECTION A SOURCE SUMMARY

- A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]
- A.2 Emission Units and Pollution Control Equipment Summary
[326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(15)]
- A.3 Specifically Regulated Insignificant Activities
[326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(15)]
- A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

SECTION B GENERAL CONDITIONS

- B.1 Definitions [326 IAC 2-7-1]
- B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]
- B.3 Term of Conditions [326 IAC 2-1.1-9.5]
- B.4 Enforceability [326 IAC 2-7-7]
- B.5 Severability [326 IAC 2-7-5(5)]
- B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]
- B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]
- B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]
- B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]
- B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)][326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]
- B.11 Emergency Provisions [326 IAC 2-7-16]
- B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]
- B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]
- B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]
- B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]
- B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]
- B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]
- B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]
- B.19 Permit Revision Under Economic Incentives and Other Programs
[326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]
- B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]
- B.21 Source Modification Requirement [326 IAC 2-7-10.5]
- B.22 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]
- B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]
- B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]
- B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

SECTION C SOURCE OPERATION CONDITIONS

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

- C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2] 21
- C.2 Opacity [326 IAC 5-1]
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
- C.6 Stack Height [326 IAC 1-7]
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

Testing Requirements [326 IAC 2-7-6(1)]

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

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]
C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]
C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]
C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]
C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

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

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]
C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]
[326 IAC 2-2][326 IAC 2-3]
C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

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

D.1.1 PSD Minor Limit [326 IAC 2-2]
D.1.2 Minor Source Modification Limits [326 IAC 2-7-10.5(d)(4)(C)]
D.1.3 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
D.1.4 Volatile Organic Compounds (VOC): Best Available Control Technology (BACT) [326 IAC 8-1-6]
D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]
D.1.6 Particulate
D.1.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

D.1.8 VOC Limitations [326 IAC 8-1-2] [326 IAC 8-1-4]

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

D.1.9 Monitoring

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

D.1.10 Record Keeping Requirements
D.1.11 Reporting Requirements

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements

D.1.12 General Provisions Relating to NESHAP JJ [326 IAC 20-14][40 CFR 63, Subpart A]
D.1.13 Wood Furniture Manufacturing Operations NESHAP [40 CFR 63, Subpart JJ]

SECTION D.2 FACILITY OPERATION CONDITIONS

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

D.2.1 PSD Minor Limits [326 IAC 2-2] 36
D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-2]
D.2.3 Particulate Matter (PM) [326 IAC 6-2-4]
D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.2.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(3)(A)] [326 IAC 2-7-6]
- D.2.6 Particulate Matter (PM)

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

- D.2.7 Visible Emissions Notations
- D.2.8 Cyclone Failure Detection

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

- D.2.9 Record Keeping Requirements
- D.2.10 Reporting Requirements

SECTION D.3 FACILITY OPERATION CONDITIONS

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

- D.3.1 Baghouse Limitations [326 IAC 2-7-1(21)(G)(xxix)]
- D.3.2 Particulate Matter (PM) [326 IAC 6-3-2]
- D.3.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.3.4 Particulate Matter (PM) [326 IAC 2-7-1(21)(G)(xxix)(DD)]

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

- D.3.5 Baghouse Inspections [326 IAC 2-7-21(1)(G)(xxix)(FF)]
- D.3.6 Visible Emissions Notations [326 IAC 2-7-1(21)(G)(xxix)(EE)]
- D.3.7 Broken or Failed Bag Detection

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

- D.3.8 Record Keeping Requirements

SECTION D.4 FACILITY OPERATION CONDITIONS

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

- D.4.1 Baghouse Limitations [326 IAC 2-7-1(21)(G)(xxix)]
- D.4.2 Particulate Matter (PM) [326 IAC 6-3-2]
- D.4.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.4.4 Particulate Matter (PM) [326 IAC 2-7-1(21)(G)(xxix)(DD)]

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

- D.4.5 Baghouse Inspections [326 IAC 2-7-21(1)(G)(xxix)(FF)]
- D.4.6 Broken or Failed Bag Detection

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

- D.4.7 Record Keeping Requirements

SECTION D.5 FACILITY OPERATION CONDITIONS

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

- D.5.1 Particulate Matter (PM) [326 IAC 6-3-2]

CERTIFICATION

EMERGENCY OCCURRENCE REPORT

SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION

Part 70 Quarterly Report

Part 70 Quarterly Report
Part 70 Quarterly Report
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Attachment A 40 CFR 63.800, Subpart JJ

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 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary Wood Furniture Manufacture.

Source Address:	200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address:	200 Kimball Boulevard, Salem, IN 47167
General Source Phone Number:	(812) 883-7713
SIC Code:	2521
County Location:	Washington
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD Rules Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(15)]

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

- (a) Twenty-seven (27) surface coating operations consisting of the following:
 - (1) Eighteen (18) spray booths, constructed in 1986, with water pans and dry filters for particulate control, identified as:
 - (A) #1 through #6 and #8 through #14, exhausting to stack vents 1A-D, 2A&B, 3A&B, 4A&B, 5A-C, 6A-C, 8A-C, 9A&B, 10A-C, 11A&B, 12A&B, 13A&B, and 14A&B;
 - (B) #15, exhausting to stack vents 15A-D;
 - (C) #16 through #18, exhausting to stack vents 16A&B through 18A&B; and
 - (D) #7, a down draft booth, equipped with dry filters and exhausting to stack 7A and 7B.
 - (2) One (1) down draft filter spray booth, identified as SB19, constructed in 1997, using HVLP spray guns and a down draft flash tunnel, equipped with dry filters and exhausting to stack SB19A.
 - (3) One (1) down draft booth, identified as SB20, constructed in 1998, using HVLP spray guns, emissions controlled by a water pan, exhausting to stack vents 20A&B.
 - (4) One (1) touch up/repair/special project spray booth, identified as SB21, constructed in 1999, using HVLP spray guns, equipped with dry filters and exhausting to two stacks, SB21A and SB21B.

- (5) One (1) Flat Line Finishing Process, constructed in 2003, having a maximum throughput capacity of 2.2 bookcases per hour, and consisting of the following surface coating booths:
 - (A) One (1) enclosed flat line automatic surface coating unit (identified as SB22) with emissions of particulate matter are controlled using dry filters, which exhaust to stack 22.
 - (B) Two (2) spray booths (identified as SB23 and SB24) with emissions of particulate matter controlled using dry filters. Spray booth SB23 exhausts at stacks 23A and 23B, while spray booth SB24 exhausts at stacks 24A and 24B.
 - (C) Two (2) down draft spray booths (identified as SB25 and SB26) with emissions of particulate matter are controlled using dry filters. Spray booth SB25 and SB26 exhaust at stacks 25 and 26, respectively.
- (6) One (1) down draft spray booth with a flash tunnel, identified as SB27, constructed in 2004, using dry filters for overspray control, and exhausting to stack SB27.
- (b) Two (2) 39.5 MMBtu CNB tri-fuel boilers, identified as Boiler 1 and 2, constructed in 1986, fired by coal and wood, with natural gas as backup fuel, using Breslove Regenerative Fly Ash Cyclonic Collectors for particulate control, identified as BRC1 and BRC2, each boiler exhausting to its own stack/vent.
- (c) One (1) finish coating line, identified as Line #6, approved for construction in 2007, having a maximum throughput capacity of 20 furniture units per hour, and consisting of the following surface coating booths and drying ovens:
 - (1) One (1) Sap/NGR booth, identified as SB-28, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 28A and 28B.
 - (2) One (1) Wash Coat booth, identified as SB-29, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stack 29A.
 - (3) One (1) Stain booth, identified as SB-30, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 30A and 30B.
 - (4) One (1) natural gas-fired drying oven, identified as OV-6-1, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-1.
 - (5) One (1) Sealer booth, identified as SB-31, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 31A and 31B.
 - (6) One (1) natural gas-fired drying oven, identified as OV-6-2, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-2.
 - (7) One (1) Shade booth, identified as SB-32, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 32A and 32B.
 - (8) One (1) Top Coat downdraft booth, identified as SB-33, using HVLP spray guns,

with particulate emissions controlled by a filter, and exhausting to stacks 33A, 33B, and 33C.

- (9) One (1) natural gas-fired drying tunnel, identified as OV-6-3, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-3.
- (10) One (1) Off-Line Touch Up booth, identified as SB-34, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 34A and 34B.
- (11) One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:

- (i) One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (ii) One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (iii) One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and

- (iv) Three (3) halogen ovens and one (1) ultra-violet curing system for drying.

A.3 Specifically Regulated Insignificant Activities
[326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(15)]

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

- (a) Woodworking facilities equipped with a baghouse with an air flow rate no greater than 125,000 cubic feet of air per minute and a grain loading no greater than 0.003 grains per dry standard cubic feet of outlet air: Woodworking facilities with a Moldow MX baghouse system with four air exchange ports, a maximum capacity of 3.09 tons wood per hour, an aggregate air flow rate of 105,000 cfm and grain loading less than 0.0001 gr/dscf, exhausting through a closed loop system conveyed to a storage bin. [326 IAC 2-7-1(21)(G)(xxix)]
- (b) Woodworking facilities equipped with a baghouse with an air flow rate no greater than 125,000 cubic feet of air per minute and a grain loading no greater than 0.003 grains per dry standard cubic feet of outlet air: Woodworking facilities with two (2) Torrit/Day baghouses, each with: a maximum capacity of 3.09 tons wood per hour, an air flow rate of 45,000 cfm, and grain loading less than 0.0001 gr/dscf, exhausting through a closed

- loop system conveyed to a storage bin. [326 IAC 2-7-1(21)(G)(xxix)]
- (c) Covered conveyors for coal or coke conveying of less than or equal to 360 tons per day. [326 IAC 6-3-2]
 - (d) Coal bunker and coal scale exhausts and associated dust collector vents. [326 IAC 6-3-2]
 - (e) Activities with emissions equal to or less than 5 tons per year PM or PM10: one (1) chip bin and one (1) coal bin. [326 IAC 6-3-2]
 - (f) Vents from ash transport systems not operated at positive pressure. [326 IAC 6-3-2]

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

- (a) This permit, T175-23576-00007, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability [326 IAC 2-7-7]

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

B.5 Severability [326 IAC 2-7-5(5)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by the "responsible official" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A "responsible official" is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (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 appropriate 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 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)][326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (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.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe 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 Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)

Facsimile Number: 317-233-6865

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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 2-7-5(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 "responsible official" as defined by 326 IAC 2-7-1(34).

- (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). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) 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 accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
 - (g) 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.
 - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (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, 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. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T175-23576-00007 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit 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 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (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 2-7-9(a)(3)]
- (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 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(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 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

- (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 2-7-4. 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). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs
[326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a 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 preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the limitations provided in 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (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 2-7-20(a). 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 is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade emissions increases and decreases at 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 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(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 2-7-5(9). 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 Source Modification Requirement [326 IAC 2-7-10.5]

- (a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.
- (b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2.

B.22 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

- (b) Except as provided in 326 IAC 2-7-19(e), 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 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Opacity [326 IAC 5-1]

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

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.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.

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

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

C.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 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of

326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed 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 Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

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

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]

C.13 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 prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures in July 2002.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

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

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
 - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The emission statement 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.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2][326 IAC 2-3]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A), 40 CFR 51.165(a)(6)(vi)(B), 40 CFR 51.166(r)(6)(vi)(a), and/or 40 CFR 51.166(r)(6)(vi)(b)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:

- (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1 (mm)(2)(A)(iii); and
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (d) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A) and/or 40 CFR 51.166(r)(6)(vi)(a)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:
 - (1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
 - (2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (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

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (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, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (f) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1 (ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
 - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (xx) and/or 326 IAC 2-3-1 (qq), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
 - (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management
Air Compliance Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for

review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

C.20 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 EMISSIONS UNIT OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (a) Twenty-seven (27) surface coating operations consisting of the following:
- (1) Eighteen (18) spray booths, constructed in 1986, with water pans and dry filters for particulate control, identified as:
 - (A) #1 through #6 and #8 through #14, exhausting to stack vents 1A-D, 2A&B, 3A&B, 4A&B, 5A-C, 6A-C, 8A-C, 9A&B, 10A-C, 11A&B, 12A&B, 13A&B, and 14A&B;
 - (B) #15, exhausting to stack vents 15A-D;
 - (C) #16 through #18, exhausting to stack vents 16A&B through 18A&B; and
 - (D) #7, a down draft booth, equipped with dry filters and exhausting to stack 7A and 7B.
 - (2) One (1) down draft filter spray booth, identified as SB19, constructed in 1997, using HVLP spray guns and a down draft flash tunnel, equipped with dry filters and exhausting to stack SB19A.
 - (3) One (1) down draft booth, identified as SB20, constructed in 1998, using HVLP spray guns, emissions controlled by a water pan, exhausting to stack vents 20A&B.
 - (4) One (1) touch up/repair/special project spray booth, identified as SB21, constructed in 1999, using HVLP spray guns, equipped with dry filters and exhausting to two stacks, SB21A and SB21B.
 - (5) One (1) Flat Line Finishing Process, constructed in 2003, having a maximum throughput capacity of 2.2 bookcases per hour, and consisting of the following surface coating booths:
 - (A) One (1) enclosed flat line automatic surface coating unit (identified as SB22) with emissions of particulate matter are controlled using dry filters, which exhaust to stack 22.
 - (B) Two (2) spray booths (identified as SB23 and SB24) with emissions of particulate matter controlled using dry filters. Spray booth SB23 exhausts at stacks 23A and 23B, while spray booth SB24 exhausts at stacks 24A and 24B.
 - (C) Two (2) down draft spray booths (identified as SB25 and SB26) with emissions of particulate matter are controlled using dry filters. Spray booth SB25 and SB26 exhaust at stacks 25 and 26, respectively.
 - (6) One (1) down draft spray booth with a flash tunnel, identified as SB27, constructed in 2004, using dry filters for overspray control, and exhausting to stack SB27.
- (b) One (1) finish coating line, identified as Line #6, approved for construction in 2007, having a maximum throughput capacity of 20 furniture units per hour, and consisting of the following surface coating booths and drying ovens:

- (1) One (1) Sap/NGR booth, identified as SB-28, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 28A and 28B.
- (2) One (1) Wash Coat booth, identified as SB-29, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stack 29A.
- (3) One (1) Stain booth, identified as SB-30, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 30A and 30B.
- (4) One (1) natural gas-fired drying oven, identified as OV-6-1, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-1.
- (5) One (1) Sealer booth, identified as SB-31, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 31A and 31B.
- (6) One (1) natural gas-fired drying oven, identified as OV-6-2, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-2.
- (7) One (1) Shade booth, identified as SB-32, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 32A and 32B.
- (8) One (1) Top Coat downdraft booth, identified as SB-33, using HVLP spray guns, with particulate emissions controlled by a filter, and exhausting to stacks 33A, 33B, and 33C.
- (9) One (1) natural gas-fired drying tunnel, identified as OV-6-3, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-3.
- (10) One (1) Off-Line Touch Up booth, identified as SB-34, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 34A and 34B.
- (11) One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:

- (i) One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (ii) One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (iii) One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and
- (iv) Three (3) halogen ovens and one (1) ultra-violet curing system for drying.

(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 PSD Minor Limit [326 IAC 2-2]

- (a) Pursuant to Part 70 Operating Permit 175-6062-00007, issued on June 18, 2002, and revised by Minor Permit Modification 175-16767-00007 issued on February 24, 2003, and Significant Permit Modification 175-19173-00007, issued on August 20, 2004, and in order to render 326 IAC 2-2 (PSD) not applicable, the surface coating operations identified as booths #1 through #18 and SB19 through SB27 shall use less than 247.7 tons of VOC, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (b) In order to render 326 IAC 2-2 (PSD) not applicable to the modifications performed under Significant Permit Modification 175-25549-00007, issued on January 28, 2008, the VOC input to Line #6 (booths SB28 - SB34) shall be less than 249 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

D.1.2 Minor Source Modification Limits [326 IAC 2-7-10.5(d)(4)(C)]

Pursuant to 326 IAC 2-7-10.5(d)(4)(C), particulate matter (PM) from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1, shall be controlled such that these emissions units shall comply with the following limits:

- (a) Operate the controls with a control efficiency of at least ninety-nine percent (99%);
- (b) Have no visible emissions; and
- (c) The PM emissions from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1 shall be less than 5.71 lbs/hr.
- (d) The PM10 emissions from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1 shall be less than 3.42 lbs/hr.

Compliance with these limits shall result in actual emissions of less than twenty-five (25) tons per year of PM and fifteen (15) tons per year of PM₁₀.

D.1.3 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-2(e)(1), particulate matter (PM) emissions from the sanding/scuffing process line UV-D1 shall not exceed 2.58 pounds per hour when operating at a process weight rate of 0.50 tons per hour.

D.1.4 Volatile Organic Compounds (VOC): Best Available Control Technology (BACT) [326 IAC 8-1-6]

Pursuant to 175-6062-00007, issued on June 18, 2002, IDEM has determined that compliance with 326 IAC 8-2-12 will serve as BACT for the spray booths (booths #1 through #18) at this source as follows:

- (a) An owner or operator of a wood furniture or cabinet coating operation subject to this section shall apply all coating material, with the exception of no more than ten (10) gallons of coating per day used for touch-up and repair operations, using one (1) or more of the following application systems:
 - (1) airless spray application system;

- (2) air-assisted airless spray application system;
- (3) electrostatic spray application system;
- (4) electrostatic bell or disc application system;
- (5) heated airless spray application system;
- (6) roller coat, brush or wipe application system; or
- (7) dip-and-drain application system.

Therefore, booths #1 through #18 will utilize 326 IAC 8-2-12 compliant methods of application. Compliance with 326 IAC 8-2-12 will satisfy the requirements of 326 IAC 8-1-6.

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

D.1.5 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, cabinets, and bookcases from the spray paint booths that comprise the Flat Line Finishing Process (spray booths SB22, SB23, SB24, SB25, SB26, SB27, and the surface coating line identified as Line #6) shall utilize one of the following application methods:

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

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

D.1.6 Particulate

- (a) Pursuant to 326 IAC 6-3-2(d), the particulate emissions from each of the spray booths (#1 through #18, SB19 through SB27, and Line #6) shall be controlled by a dry particulate filter or water pan, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) In order to comply with Condition D.1.3, the particulate emissions from the sanding/scuffing process line UV-D1 shall be controlled by a dry particulate filter or water pan, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.7 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 these facilities and any control devices.

Compliance Determination Requirements

D.1.8 VOC Limitations [326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer.

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

D.1.9 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 spray booth stacks (SB-19A, SB21A, SB21B, 22, 23A, 23B, 24A, 24B, 25, 26, 27, 33A, 33B, 33C, UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c) while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) Daily inspections shall be performed to verify that the water level of the water pans meet the manufacturer's recommended level. To monitor the performance of the water pans, the water level of the pans shall be maintained weekly at a level where surface agitation indicates impact of the air flow. Water shall be kept free of solids and floating material that reduces the capture efficiency of the water pan. To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. In addition, weekly observations shall be made of the overspray from the surface coating booth stacks 1A-D, 2A&B, 3A&B, 4A&B, 5A-C, 6A-C, 7A&B, 8A-C, 9A&B, 10A-C, 11A&B, 12A&B, 13A&B, 14A&B, 15A-D, 16A&B, 17A&B, 18A&B, SB20A&B, 28A, 28B, 29A, 30A, 30B, 31A, 31B, 32A, 32B, 34A, 34B, UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c while one or more of the booths are in operation. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (c) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. When overspray emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

D.1.10 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be

taken daily and shall be complete and sufficient to establish compliance with the VOC usage limits established in Condition D.1.1.

- (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (2) The volume weighted VOC content of the coatings used for each month;
 - (3) The total VOC usage for each month; and
 - (4) The weight of VOCs emitted for each compliance period.
- (b) To document compliance with Condition D.1.9, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and weekly observations of the water level in the pans.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.11 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Condition D.1.1 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 the responsible official as defined by 326 IAC 2-7-1(34).

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements

D.1.12 General Provisions Relating to NESHAP JJ [326 IAC 20-14][40 CFR 63, Subpart A]

Pursuant to 40 CFR 63.800, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-14.

D.1.13 Wood Furniture Manufacturing Operations NESHAP [40 CFR 63, Subpart JJ]

The Permittee which engages in wood furniture manufacturing operations shall comply with the following provisions of 40 CFR 63, Subpart JJ (included as Attachment A of this permit):

- (1) 40 CFR 63.800
- (2) 40 CFR 63.801
- (3) 40 CFR 63.802(a)(1)(3)
- (4) 40 CFR 63.803
- (5) 40 CFR 63.804(a)(f)(g)
- (6) 40 CFR 63.805
- (7) 40 CFR 63.806
- (8) 40 CFR 63.807

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Boilers

- (c) Two (2) thirty-nine and five tenths (39.5) MMBtu CNB tri-fuel boilers, identified as Boiler 1 and 2, constructed in 1986, fired by coal and wood, with natural gas as backup fuel, using Breslove Regenerative Fly Ash Cyclonic Collectors for particulate control, identified as BRC1 and BRC2, each boiler exhausting to its own stack/vent.

(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.2.1 PSD Minor Limits [326 IAC 2-2]

- (a) The coal fed to the boilers shall be limited to 3,500 tons of coal per twelve (12) consecutive month period. Based on a sulfur content of 2.75% this limit will limit the potential to emit sulfur dioxide (SO₂) to less than 250 tons per twelve (12) consecutive month period.
- (b) To limit the potential to emit carbon monoxide (CO) to less than 250 tons per twelve (12) month consecutive period, the wood being fed to the boilers shall be limited to 18,000 tons of wood per twelve (12) consecutive month period.

Compliance with these limits render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-2]

Pursuant to 326 IAC 7-1.1-2 (SO₂ Emissions Limitations), the SO₂ emissions from the two (2) thirty-nine and five tenths (39.5) MMBtu per hour boilers shall each not exceed six (6.0) pounds per MMBtu heat input per boiler, when burning coal. Pursuant to 326 IAC 7-2-1, compliance shall be demonstrated on a calendar month average.

D.2.3 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating) the particulate matter emissions from the two (2) thirty-nine and five tenths (39.5) MMBtu per hour boilers, shall each not exceed 0.35 pounds per million Btu energy input from each boiler.

This limitation is based on the following equation:

$$Pt = \frac{1.09}{Q^{0.26}}$$

Pt = Pounds of particulate matter emitted per millionBtu (lb/MMBtu) heat input.

Q = Total source maximum operating capacity rating in million Btu per hour (MMBtu/hr) heat input. The maximum operating capacity is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used (Q = 79.0 MMBtu/hr).

D.2.4 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.2.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(3)(A)] [326 IAC 2-7-6]

Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed six (6.0) pounds per MMBtu. Compliance shall be determined utilizing the following options:

- (a) Providing vendor analysis of coal delivered, if accompanied by a certification from the fuel supplier as described under 40 CFR 60.48c(f)(3). The certification shall include:
 - (1) The name of the coal supplier; and
 - (2) The location of the coal when the sample was collected for analysis to determine the properties of the coal, specifically including whether the coal was sampled as delivered to the affected facility or whether the coal was collected from coal in storage at the mine, at a coal preparation plant, at a coal supplier's facility, or at another location. The certification shall include the name of the coal mine (and coal seam), coal storage facility, or coal preparation plant (where the sample was collected); and
 - (3) The results of the analysis of the coal from which the shipment came (or of the shipment itself) including the sulfur content, moisture content, ash content, and heat content; and
 - (4) The methods used to determine the properties of the coal; or
- (b) Sampling and analyzing the coal using one of the following procedures:
 - (1) Minimum Coal Sampling Requirements and Analysis Methods:
 - (A) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;
 - (B) Coal shall be sampled at least one (1) time per day;
 - (C) Minimum sample size shall be five hundred (500) grams;
 - (D) Samples shall be composited and analyzed at the end of each calendar quarter;
 - (E) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or
 - (2) Sample and analyze the coal pursuant to 326 IAC 3-7-3; or
- (c) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6, which is conducted with such frequency as to generate the amount of information required by (a) or (b) above. [326 IAC 7-2-1(b)]

A determination of noncompliance pursuant to any of the methods specified in (a), (b), or (c) above shall not be refuted by evidence of compliance pursuant to the other method.

D.2.6 Particulate Matter (PM)

The two (2) Breslove Regenerative Fly Ash Cyclonic Collectors for PM control shall be in operation at all times the two (2) boilers, Boiler 1 and 2, are in operation.

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

D.2.7 Visible Emissions Notations

- (a) Visible emission notations of the tri-fuel boilers' stack exhaust (BRC1 and BRC2) shall be performed once per day during normal daylight operations when combusting wood or coal. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.2.8 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit. 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 Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

- (a) To document compliance with Conditions D.2.1, D.2.2 and D.2.3, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the emission limits established in Conditions D.2.1, D.2.2 and D.2.3.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual coal, wood and natural gas usage since last compliance determination period;
 - (3) Sulfur content, heat content, and ash content;
 - (4) Sulfur dioxide emission rates;
 - (5) Vendor analysis of coal and coal supplier certification; and

- (b) To document compliance with Condition D.2.7, the Permittee shall maintain records of once per day visible emission notations of the CNB tri-fuel boilers' stack exhaust (BRC1 and BRC2) and record when readings are not taken.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.10 Reporting Requirements

- (a) A quarterly summary of the information used to document compliance with Condition D.2.1, in any compliance period when coal, wood, and/or natural gas was combusted, shall be submitted to the address listed in Section C - General Reporting Requirements, 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.
- (b) Semi-annual natural gas fired boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting form located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The semi-annual natural gas fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (d) Woodworking facilities equipped with a baghouse with an air flow rate no greater than 125,000 cubic feet of air per minute and a grain loading no greater than 0.003 grains per dry standard cubic feet of outlet air: Woodworking facilities with a Moldow MX baghouse system with four air exchange ports, a maximum capacity of 3.09 tons wood per hour, an aggregate air flow rate of 105,000 cfm and grain loading less than 0.0001 gr/dscf, exhausting through a closed loop system conveyed to a storage bin. [326 IAC 2-7-1(21)(G)(xxix)]

(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 Baghouse Limitations [326 IAC 2-7-1(21)(G)(xxix)]

The woodworking operations controlled by a baghouse shall be an insignificant activity for Title V permitting purposes provided that the baghouse operations meet the requirements of 326 IAC 2-7-1(21)(G)(xxix), including the following:

- (a) The baghouse shall not exhaust to the atmosphere greater than one hundred twenty-five thousand (125,000) cubic feet of air per minute and shall not emit particulate matter with a diameter less than ten (10) microns in excess of three-thousandths (0.003) grain per dry standard cubic foot of outlet air.
- (b) The opacity from each baghouse shall not exceed ten percent (10%).
- (c) Visible emissions from the baghouse shall be observed daily using procedures in accordance with Method 22 and normal or abnormal emissions are recorded. In the event abnormal emissions are observed for greater than six (6) minutes in duration, the following shall occur:
- (1) The baghouse shall be inspected.
 - (2) Corrective actions, such as replacing or reseating bags, are initiated, when necessary.

D.3.2 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate emission limitations, work practices, and control technologies), the allowable PM emission rate from the woodworking facilities shall not exceed 8.73 pounds per hour when operating at a process weight rate of 3.09 tons per hour. The pounds per hour limitation were calculated with the following equation:

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

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour;
P = process weight rate in tons per hour

D.3.3 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 these facilities and their baghouse.

Compliance Determination Requirements

D.3.4 Particulate Matter (PM) [326 IAC 2-7-1(21)(G)(xxix)(DD)]

- (a) In order to comply with Conditions D.3.1 and D.3.2, the baghouse for PM control shall be in operation and control emissions from the woodworking facilities at all times that the woodworking facilities are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.3.5 Baghouse Inspections [326 IAC 2-7-21(1)(G)(xxix)(FF)]

An inspection shall be performed each calendar quarter of all bags controlling the woodworking operation 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 to the indoors. All defective bags shall be repaired or replaced.

D.3.6 Visible Emissions Notations [326 IAC 2-7-1(21)(G)(xxix)(EE)]

Should the source elect to not have the woodworking operations considered an insignificant activity for Title V permitting purposes, the Method 22 readings required in Condition D.3.1(c) are not required, and will be replaced by the following:

- (a) Daily visible emission notations of each baghouse 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) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.3.7 Broken or Failed Bag Detection

In the event that bag failure has been observed:

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

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

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

D.3.8 Record Keeping Requirements

- (a) To document compliance with Conditions D.3.1(c) and D.3.6, the Permittee shall maintain records of daily visible emission notations of the baghouse exhaust.
- (b) To document compliance with Condition D.3.5, the Permittee shall maintain records of the results of the inspections required under Condition D.3.5 and the dates the vents are redirected.
- (c) The Permittee shall maintain records of corrective actions to document compliance with 326 IAC 2-7-21(1)(G)(xxix)(GG)(dd).
- (d) 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 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (e) Woodworking facilities equipped with a baghouse with an air flow rate no greater than 125,000 cubic feet of air per minute and a grain loading no greater than 0.003 grains per dry standard cubic feet of outlet air: Woodworking facilities with two (2) Torrit/Day baghouses, each with: a maximum capacity of 3.09 tons wood per hour, an air flow rate of 45,000 cfm, and grain loading less than 0.0001 gr/dscf, exhausting through a closed loop system conveyed to a storage bin. [326 IAC 2-7-1(21)(G)(xxix)]

(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.4.1 Baghouse Limitations [326 IAC 2-7-1(21)(G)(xxix)]

The woodworking operations controlled by a baghouse shall be an insignificant activity for Title V permitting purposes provided that the baghouse operations meet the requirements of 326 IAC 2-7-1(21)(G)(xxix), including the following:

- (a) The baghouse shall not exhaust to the atmosphere greater than one hundred twenty-five thousand (125,000) cubic feet of air per minute and shall not emit particulate matter with a diameter less than ten (10) microns in excess of three-thousandths (0.003) grain per dry standard cubic foot of outlet air.
- (b) The opacity from each baghouse shall not exceed ten percent (10%).
- (c) Visible emissions from the baghouse shall be observed daily using procedures in accordance with Method 22 and normal or abnormal emissions are recorded. In the event abnormal emissions are observed for greater than six (6) minutes in duration, the following shall occur:
- (1) The baghouse shall be inspected.
 - (2) Corrective actions, such as replacing or reseating bags, are initiated, when necessary.

D.4.2 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate emission limitations, work practices, and control technologies), the allowable PM emission rate from the woodworking facilities shall not exceed 8.73 pounds per hour when operating at a process weight rate of 3.09 tons per hour. The pounds per hour limitation were calculated with the following equation:

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

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour;
P = process weight rate in tons per hour

D.4.3 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 these facilities and their baghouse.

Compliance Determination Requirements

D.4.4 Particulate Matter (PM) [326 IAC 2-7-1(21)(G)(xxix)(DD)]

- (a) In order to comply with Conditions D.4.1 and D.4.2, the baghouse for PM control shall be in operation and control emissions from the woodworking facilities at all times that the woodworking facilities are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.4.5 Baghouse Inspections [326 IAC 2-7-21(1)(G)(xxix)(FF)]

An inspection shall be performed each calendar quarter of all bags controlling the woodworking operation 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 to the indoors. All defective bags shall be repaired or replaced.

D.4.6 Broken or Failed Bag Detection

In the event that bag failure has been observed:

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

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

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

D.4.7 Record Keeping Requirements

- (a) To document compliance with Conditions D.4.1(c), the Permittee shall maintain records of daily visible emission notations of the baghouse exhaust.
- (b) To document compliance with Condition D.4.5, the Permittee shall maintain records of the results of the inspections required under Condition D.4.5 and the dates the vents are redirected.
- (c) The Permittee shall maintain records of corrective actions to document compliance with 326 IAC 2-7-21(1)(G)(xxix)(GG)(dd).

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

SECTION D.5

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (f) Covered conveyors for coal or coke conveying of less than or equal to 360 tons per day. [326 IAC 6-3-2]
- (g) Coal bunker and coal scale exhausts and associated dust collector vents. [326 IAC 6-3-2]
- (h) Activities with emissions equal to or less than 5 tons per year PM or PM10: one (1) chip bin and one (1) coal bin. [326 IAC 6-3-2]
- (i) Vents from ash transport systems not operated at positive pressure. [326 IAC 6-3-2]

(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.5.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the coal or coke conveying, coal bunker, coal scale exhausts and associated dust collector vents, wood chip bin, vents from ash transport systems not operated at positive pressure, and coal bin shall be limited by the following:

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

$$E = 4.10 P^{0.67}$$

where

E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Kimball Office (K.O.) - Salem
Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
Part 70 Permit No.: T175-23576-00007

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)
- Affidavit (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:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Kimball Office (K.O.) - Salem
Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
Part 70 Permit No.: T175-23576-00007

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

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:
Describe the cause of the Emergency:

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

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
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: _____

A certification is not required for this report.

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

**PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: National Office Furniture (N.O.F.) - Jasper 11th Avenue
Source Address: 340 East 11th Avenue, Jasper, Indiana 47549
Mailing Address: 340 East 11th Avenue, Jasper, IN 47549
Part 70 Permit No.: T037-24753-00048

Natural Gas Only
 Alternate Fuel burned
From: _____ To: _____

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:

Phone:

Date:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

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

Part 70 Quarterly Report

Source Name: Kimball Office (K.O.) - Salem
Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
Part 70 Permit No.: T175-23576-00007
Facility: Surface coating operations: spray booths #1 through #18, SB19 through SB27
Parameter: VOC usage: including coatings, dilution solvents, and cleaning solvents
Limit: Less than 247.7 tons per 12 consecutive month period

QUARTER:

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: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Kimball Office (K.O.) - Salem
 Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
 Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
 Part 70 Permit No.: T175-23576-00007
 Facility: Two (2) 39.5 MMBtu per hour CNB tri-fuel boilers, identified as Boiler 1 and Boiler 2
 Parameter: Coal, wood, and natural gas usage to limit SO₂ and CO to less than 250 tons per 12 consecutive month period
 Limit: The coal and wood being fed to the boilers shall be limited to less than 18,000 tons of wood and 3,500 tons of coal per twelve (12) consecutive month period. For every ton of coal burned, the wood usage limit shall be reduced by 0.81 tons. For every million cubic feet (MMCF) of natural gas burned, the wood usage limit shall be reduced by 6.18 tons.

QUARTER :

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: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Kimball Office (K.O.) - Salem
Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
Part 70 Permit No.: T175-23576-00007
Facility: Line #6 (SB-28 through SB-34)
Parameter: VOC usage: including coatings, dilution solvents, and cleaning solvents
Limit: Less than 249 tons per 12 consecutive month period

QUARTER :

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: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Kimball Office (K.O.) - Salem
Source Address: 200 Kimball Boulevard, Salem, Indiana 47167
Mailing Address: 200 Kimball Boulevard, Salem, IN. 47167
Part 70 Permit No.: T175-23576-00007

Months: _____ to _____ Year: _____

Page 1 of 2

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<p><input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.</p>	
<p><input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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 Part 70
Minor Source and Significant Permit Modification**

Source Description and Location

Source Name:	Kimball Office (K.O.) - Salem
Source Location:	200 Kimball Boulevard, Salem, Indiana 47167
County:	Washington
SIC Code:	2521
Operation Permit No.:	T 175-23576-00007
Operation Permit Issuance Date:	October 24, 2008
Minor Source Modification No.:	175-28554-00007
Significant Permit Modification No.:	175-28558-00007
Permit Reviewer:	Madhurima D. Moulik

Existing Approvals

The source was issued Part 70 Operating Permit No. (1st Renewal) T175-23576-00007 on October 24, 2008.

County Attainment Status

The source is located in Washington County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM2.5.	

(Air Pollution Control Board; 326 IAC 1-4-89; filed Dec 26, 2007, 1:43 p.m.: 20080123-IR-326070308FRA)

Note: On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph counties as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a

temporary emergency rule to re-designate Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan and Shelby counties as attainment for the 8-hour ozone standard.

- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Washington county has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM2.5**
Washington County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions. These rules became effective on July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.
- (c) **Other Criteria Pollutants**
Washington 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.
- (d) **Fugitive Emissions**
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Source Status

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (ton/yr)
PM	90.06
PM ₁₀	60.32
PM _{2.5}	60.32
SO ₂	149.94
VOC	499.16
CO	147.05
NO _x	36.42

- (a) This existing stationary source is major for PSD because the emissions of VOCs are greater than two hundred fifty (250) tons per year, and is not one of the twenty-eight (28) listed source categories.
- (b) **Fugitive Emissions**
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

HAPs	Potential To Emit (ton/yr)
Single HAP	>10
Total	>25

This existing source is a major source of HAPs, as defined in 40 CFR 63.41, because HAP emissions are greater than ten (10) tons per year for a single HAP and greater than twenty-five (25) tons per year for a combination of HAPs. Therefore, this source is a major source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed an application relating to the addition of one (1) ultraviolet (UV) water-based wood coating process. The following is a list of the proposed emission units and pollution control devices:

- (a) One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:
 - (1) One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);
 - (2) One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);
 - (3) One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and
 - (4) Three (3) halogen ovens and one (1) ultra-violet curing system for drying.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Stack Summary

Stack ID	Operation	Height (ft)	Diameter (ft)	Flow Rate (acfm)	Temperature (°F)
UV1A - A1	UV Spray Chamber	25	2.5	12,000	160
UV1B - A2		25	0.83	6,000	160
UV1C - A3		25	0.83	6,000	160
UV1D - A4		25	0.83	4,000	160
UV1E - A5		25	0.83	2,000	160
UV1F - A6a		25	0.66	1,133	160
UV1F - A6b		25	0.66	1,133	160
UV1F - A6c		25	0.66	1,133	160
UV2B - A7	UV Roll Coater	25	0.66	1000	160
UV2B - A8		25	0.66	1000	160
UV2E - A9a	UV Edge Roll Coater	25	0.5	500	160
UV2E - A9b		25	0.5	500	160

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70

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

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

PTE Before Controls of the Modification	
Pollutant	Potential To Emit (ton/yr)
PM	175.2
PM ₁₀	175.2
PM _{2.5}	175.2
SO ₂	--
VOC	17.94
CO	--
NO _x	--

HAP PTE Before Controls of the Modification	
HAPs	Potential To Emit (ton/yr)
Single HAP	<10
TOTAL	<25

- (a) Because the potential to emit particulate matter (PM) is limited to less than twenty-five (25) tons per year, this source modification is subject to 326 IAC 2-7-10.5(d)(4)(C) and must use a particulate air pollution control device as follows:
- (i) Achieve and maintain ninety-nine percent (99%) efficiency.
 - (ii) Comply with a no visible emission standard.
 - (iii) The potential to emit before control does not exceed major source thresholds for the federal permitting programs.
 - (iv) Certify to the commissioner that the control device supplier guarantees that a specific outlet concentration, in conjunction with design air flow, will result in actual emissions less than twenty-five (25) tons of particulate matter (PM) or fifteen (15) tons per year of particulate matter with an aerodynamic diameter less than or equal to ten (10) micrometers (PM₁₀).

Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d) because the modification involves significant changes to existing monitoring Part 70 permit terms and conditions and involves a case-by-case emissions limitation determination.

Permit Level Determination – PSD or Emission Offset

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process / Emission Unit	Potential to Emit (ton/yr)					
	PM	PM₁₀	SO₂	VOC	CO	NO_x
UV-1 50 Sheen W/B Top Coat	0.006	0.006	---	17.554	---	---
UV-1 70 Sheen W/B Top Coat	0.0002	0.0002	---	0.190	---	---
UV-2 30 Sheen RC T/C	---	---	---	0.095	---	---
UV-2 W/W Rollercoat Sealer	---	---	---	0.062	---	---
UV-2 Edge Top Coat	---	---	---	0.038	---	---
Sanding/Scuffing Operation	0.018	0.018	---	---	---	---
Total for Modification	0.0242	0.0242	---	17.939	---	---
Significant Level	25	15	N/A	40	N/A	N/A

This modification to an existing major stationary source is not major because the emissions increase is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.
- (b) The UV water-based wood coating process is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Wood Furniture Manufacturing Operations (40 CFR 63, Subpart JJ), which is incorporated by reference as 326 IAC 20-14.

Nonapplicable portions of the NESHAP will not be included in the permit. The UV water-based wood coating process is subject to the following portions of Subpart JJ:

- (1) 40 CFR 63.802(a)
- (2) 40 CFR 63.803
- (3) 40 CFR 63.804(a)
- (4) 40 CFR 63.804(b)
- (5) 40 CFR 63.804(c)
- (6) 40 CFR 63.804(f)
- (7) 40 CFR 63.804(g)
- (8) 40 CFR 63.805
- (9) 40 CFR 63.806
- (10) 40 CFR 63.807

The provisions of 40 CFR 63 Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR 63 Subpart JJ.

- (d) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to each new or modified pollutant-specific emission unit that meets the following criteria:
- (1) has a potential to emit before controls equal to or greater than the Part 70 major source threshold for the pollutant involved;
 - (2) is subject to an emission limitation or standard for that pollutant; and
 - (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

CAM Applicability Analysis							
Emission Unit	Control Device Used	Emission Limitation (Y/N)	Uncontrolled PTE (ton/yr)	Controlled PTE (ton/yr)	Part 70 Major Source Threshold (ton/yr)	CAM Applicable (Y/N)	Large Unit (Y/N)
UV-1	Water filtration system	Y	5.9	0.0059	100	N	N
UV-D1 (sanding scuffing)	Dust Collector	Y	175.18	0.018	100	Y	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM is applicable to the emission unit UV-DC1 for PM and PM₁₀ upon issuance of the Title V Renewal. A CAM plan must be submitted as part of the Renewal application.

State Rule Applicability Determination

326 IAC 2-1.1-5 (Nonattainment New Source Review)

Nonattainment New Source Review applicability is discussed under the Permit Level Determination – PSD and Emission Offset section.

326 IAC 2-2 and 2-3 (PSD and Emission Offset)

PSD and Emission Offset applicability is discussed under the Permit Level Determination – PSD and Emission Offset section.

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

The operation of the UV water-based wood coating process will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

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

The UV wood coating process is not subject to 326 IAC 8-1-6 (New facilities; general reduction requirements) because it is subject to 326 IAC 8-2-12.

326 IAC 8-2-12 (Volatile Organic Compounds (VOCs))

Pursuant to 326 IAC 8-2-12 (Wood furniture and cabinet coating), each of the two (2) coating lines, identified as UV-1 and UV-2, shall apply all coating material, with the exception of no more than ten (10) gallons of coating per day used for touch-up and repair operations, using one (1) or more of the following application systems:

- (a) airless spray application system;
- (b) air-assisted airless spray application system;
- (c) electrostatic spray application system;
- (d) electrostatic bell or disc application system;
- (e) heated airless spray application system;
- (f) roller coat
- (g) brush or wipe application system; or
- (h) dip-and-drain application system.

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.

Since UV-1 uses HVLP spray application and UV-2 uses roller coat, the surface coating operations are in compliance with 326 IAC 8-2-12.

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

Pursuant to 326 IAC 6-3-2(d), particulate matter (PM) emissions from the flat spray coating line UV-1 shall be controlled by a water filtration system, and the Permittee shall operate the water filtration system in accordance with manufacturer's specifications.

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

Pursuant to 326 IAC 6-3-1(b)(6), the roll coating line, identified as UV-2, is exempt from the requirements of 326 6-3-2.

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

Pursuant to 326 IAC 6-3-2(e)(1), particulate matter (PM) emissions from the sanding/scuffing process line UV-D1 shall not exceed 2.58 pounds per hour when operating at a process weight rate of 0.50 tons per hour.

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

$$E = 4.10 P^{0.67}$$

Where: E = Rate of emission in pounds per hour.
P = Process weight rate in tons per hour.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

The compliance monitoring requirements applicable to this modification are as follows:

(a) Visible Emission Notations

Control	Parameter	Frequency	Range	Excursions and Exceedances
Dust Collector UV-DC1 for the sanding/scuffing process line UV-D1	Visible Emissions	Daily	Normal-Abnormal	Response Steps

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. T175-23576-00007. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

1. Section A.3 and the facility description section in Section D.1 have been revised to incorporate the UV water-based wood coating process.
 2. Requirements related to minor source modification rules under 326 IAC 2-7-10.5 have been added as Condition D.1.2 of the permit.
 3. Condition D.1.3 - Particulate Emission Limitations [326 IAC 6.5-1-2] has been added for the proposed emission units UV-1 and the sanding/scuffing operation UV-D1.
 4. Condition D.1.4 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
 5. Condition D.1.4 - 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes) was added for the sanding/scuffing operation UV-D1.
 6. Condition D.1.2 (now D.1.3) - Particulate Emission Limitations [326 IAC 6.5-1-2] has been modified to include the proposed emission unit UV-1 and UV-D1.
 7. Condition D.1.4 (now D.1.6) - Particulate [326 IAC 6-3-2] has been modified to include proposed emission unit UV-1.
 8. Condition D.1.7 (now D.1.9) - Monitoring has been modified to include UV-1.
- A.2 Emission Units and Pollution Control Equipment Summary
 [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(15)]

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

-
- (c) One (1) finish coating line, identified as Line #6, approved for construction in 2007, having

a maximum throughput capacity of 20 furniture units per hour, and consisting of the following surface coating booths and drying ovens:

- (1) One (1) Sap/NGR booth, identified as SB-28, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 28A and 28B.
- (2) One (1) Wash Coat booth, identified as SB-29, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stack 29A.
- (3) One (1) Stain booth, identified as SB-30, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 30A and 30B.
- (4) One (1) natural gas-fired drying oven, identified as OV-6-1, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-1.
- (5) One (1) Sealer booth, identified as SB-31, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 31A and 31B.
- (6) One (1) natural gas-fired drying oven, identified as OV-6-2, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-2.
- (7) One (1) Shade booth, identified as SB-32, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 32A and 32B.
- (8) One (1) Top Coat downdraft booth, identified as SB-33, using HVLP spray guns, with particulate emissions controlled by a filter, and exhausting to stacks 33A, 33B, and 33C.
- (9) One (1) natural gas-fired drying tunnel, identified as OV-6-3, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-3.
- (10) One (1) Off-Line Touch Up booth, identified as SB-34, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 34A and 34B.
- (11) **One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:**
 - (i) **One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.**

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);
 - (ii) **One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.**

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (iii) **One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and**
- (iv) **Three (3) halogen ovens and one (1) ultra-violet curing system for drying.**

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

....

- (b) One (1) finish coating line, identified as Line #6, approved for construction in 2007, having a maximum throughput capacity of 20 furniture units per hour, and consisting of the following surface coating booths and drying ovens:
 - (1) One (1) Sap/NGR booth, identified as SB-28, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 28A and 28B.
 - (2) One (1) Wash Coat booth, identified as SB-29, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stack 29A.
 - (3) One (1) Stain booth, identified as SB-30, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 30A and 30B.
 - (4) One (1) natural gas-fired drying oven, identified as OV-6-1, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-1.
 - (5) One (1) Sealer booth, identified as SB-31, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 31A and 31B.
 - (6) One (1) natural gas-fired drying oven, identified as OV-6-2, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-2.
 - (7) One (1) Shade booth, identified as SB-32, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 32A and 32B.
 - (8) One (1) Top Coat downdraft booth, identified as SB-33, using HVLP spray guns, with particulate emissions controlled by a filter, and exhausting to stacks 33A, 33B, and 33C.
 - (9) One (1) natural gas-fired drying tunnel, identified as OV-6-3, with a maximum heat input capacity of 1.2 MMBtu per hour, and exhausting to stack OV-6-3.
 - (10) One (1) Off-Line Touch Up booth, identified as SB-34, using HVLP spray guns, with particulate emissions controlled by a water pan, and exhausting to stacks 34A and 34B.
 - (11) **One (1) UV water-based wood coating process, approved for construction in 2009, consisting of two (2) coating lines and one (1) sanding operation, identified as follows:**

- (i) One (1) enclosed flat spray coating line, identified as UV-1, with a maximum capacity of 1,000 pounds per hour of existing wood parts, with particulate controlled by a water filtration system, exhausting to stacks UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (ii) One (1) roll coating line with two (2) machines, identified as UV-2, with a maximum capacity of 1,000 pounds per hour of existing wood parts, exhausting to stacks UV2B-A7, UV2B-A8, UV2E-A9a, and UV2E-A9b.

This emissions unit is subject to the provisions of 40 CFR 63, Subpart JJ, the Wood Furniture Manufacturing Operations National Emission Standards for Hazardous Air Pollutants (NESHAP);

- (iii) One (1) sanding/scuffing operation, identified as UV-D1, with particulate emissions controlled by a dust collector, identified as UV-DC-1; and

- (iv) Three (3) halogen ovens and one (1) ultra-violet curing system for drying.

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

D.1.2 Minor Source Modification Limits [326 IAC 2-7-10.5(d)(4)(C)]

Pursuant to 326 IAC 2-7-10.5(d)(4)(C), particulate matter (PM) from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1, shall be controlled such that these emissions units shall comply with the following limits:

- (a) Operate the controls with a control efficiency of at least ninety-nine percent (99%);
- (b) Have no visible emissions; and
- (c) The PM emissions from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1 shall be less than 5.71 lbs/hr.
- (d) The PM₁₀ emissions from the flat spray coating line UV-1 and the sanding/scuffing process line UV-D1 shall be less than 3.42 lbs/hr.

Compliance with these limits shall result in actual emissions of less than twenty-five (25) tons per year of PM and fifteen (15) tons per year of PM₁₀.

D.1.3 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-2(e)(1), particulate matter (PM) emissions from the sanding/scuffing process line UV-D1 shall not exceed 2.58 pounds per hour when operating at a process weight rate of 0.50 tons per hour.

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

$$E = 4.10 P^{0.67}$$

Where: E = Rate of emission in pounds per hour.
P = Process weight rate in tons per hour.

D.1.46 Particulate [~~326 IAC 6-3-2~~]

- (a) Pursuant to 326 IAC 6-3-2(d), the particulate emissions from each of the spray booths (#1 through #18, SB19 through SB27, and Line #6) shall be controlled by a dry particulate filter or water pan, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) **In order to comply with Condition D.1.3, the particulate emissions from the sanding/scuffing process line UV-D1 shall be controlled by a dry particulate filter or water pan, and the Permittee shall operate the control device in accordance with manufacturer's specifications.**

D.1.79 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 spray booth stacks (SB-19A, SB21A, SB21B, 22, 23A, 23B, 24A, 24B, 25, 26, 27, 33A, 33B, and 33C, **UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c**) while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) Daily inspections shall be performed to verify that the water level of the water pans meet the manufacturer's recommended level. To monitor the performance of the water pans, the water level of the pans shall be maintained weekly at a level where surface agitation indicates impact of the air flow. Water shall be kept free of solids and floating material that reduces the capture efficiency of the water pan. To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. In addition, weekly observations shall be made of the overspray from the surface coating booth stacks 1A-D, 2A&B, 3A&B, 4A&B, 5A-C, 6A-C, 7A&B, 8A-C, 9A&B, 10A-C, 11A&B, 12A&B, 13A&B, 14A&B, 15A-D, 16A&B, 17A&B, 18A&B, SB20A&B, 28A, 28B, 29A, 30A, 30B, 31A, 31B, 32A, 32B, 34A, and 34B, **UV1A-A1, UV1B-A2, UV1C-A3, UV1D-A4, UV1E-A5, UV1F-A6a, UV1F-A6b, and UV1F-A6c** while one or more of the booths are in operation. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

Conclusion and Recommendation

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 175-28554-00007 and Significant Permit Modification No. 175-28558-00007. The staff recommends to the Commissioner that this Part 70 Minor Source and Significant Permit Modification be approved.

UV Process using Akzo Nobel Coatings - VOC, Total HAPs, & PM Summary:

UNIT IDs	PRODUCT NUMBER	PRODUCT DESCRIPTION	UNIT OF MEASURE	USAGE PER HOUR	USAGE/ 16 HR.DAY	WEIGHT/ GALLON	% VOC WEIGHT	% EXEMPT WEIGHT	% HAPs WEIGHT	% SOLIDS WEIGHT	ACTUAL (16 HOURS/DAY)			POTENTIAL TO EMIT (P.T.E.)		
											LBS. VOC HOUR	LBS. HAPs HOUR	LBS. PM HOUR	TONS VOC YEAR	TONS HAPs YEAR	TONS PM YEAR
UV-1	680-50L5W-642	50 Sheen W/B UV Top Coat	GALLON	3.81	61.00	8.76	12.00%	60.89%	2.203%	35.16%	4.01	0.74	0.0013	17.554	3.223	0.0059
UV-1	680-50L5W-643	70 Sheen W/B UV Top Coat	GALLON	0.13	2.00	8.74	3.98%	61.19%	2.217%	34.83%	0.04	0.02	0.0000	0.190	0.106	0.0002
UV-2	972-30C5W-1033	30 Sheen UV RC T/C	GALLON	0.38	6.00	9.28	0.62%	0.00%	0.030%	99.38%	0.02	0.00	0.0000	0.095	0.005	0.0000
UV-2	972-C5W-1007	W/W Rollercoat UV Sealer	GALLON	0.13	2.00	9.46	1.20%	0.07%	0.710%	98.71%	0.01	0.01	0.0000	0.062	0.037	0.0000
UV-2	972-30C5W-1048	UV Edge Top Coat	GALLON	0.13	2.00	9.43	0.74%	0.00%	0.035%	99.26%	0.01	0.00	0.0000	0.038	0.002	0.0000
TOTAL				4.56	73.00				ACTUAL	LBS./HOUR	4.10	0.77	0.0014	17.939	3.372	0.0061
								ACTUAL	LBS./YR.	17037.99	3202.45	5.7575				
								ACTUAL	TONS/YR.	8.519	1.601	0.0029				

Individual HAPs Summary (ACTUAL & P.T.E.):

UNIT IDs	PRODUCT NUMBER	PRODUCT DESCRIPTION	UNIT OF MEASURE	USAGE PER HOUR	USAGE/ 16 HR.DAY	WEIGHT/ GALLON	% Xylene 1330-20-7	Lbs. Xylene 1330-20-7	% Cumene 98-82-8	Lbs. Cumene 98-82-8	% Toluene 108-88-3	Lbs. Toluene 108-88-3	% Ethyl Benzene 100-41-4	Lbs. Ethyl Benzene 100-41-4	% Triethylamine (TEA) 121-44-8	Lbs. Triethylamine (TEA) 121-44-8	% Butoxyethoxy ethanol (GEC) 112-34-5	Lbs. Butoxyethoxy ethanol (GEC) 112-34-5
							WEIGHT %	PER HOUR	WEIGHT %	PER HOUR	WEIGHT %	PER HOUR	WEIGHT %	PER HOUR	WEIGHT %	PER HOUR	WEIGHT %	PER HOUR
UV-1	680-50L5W-642	50 Sheen W/B UV Top Coat	GALLON	3.81	61.00	8.76	0.000%	0.0000	0.000%	0.0000	0.000%	0.0000	0.000%	0.0000	0.843%	0.2815	1.361%	0.4545
UV-1	680-50L5W-643	70 Sheen W/B UV Top Coat	GALLON	0.13	2.00	8.74	0.000%	0.0000	0.000%	0.0000	0.000%	0.0000	0.000%	0.0000	0.852%	0.0093	1.365%	0.0149
UV-2	972-30C5W-1033	30 Sheen UV RC T/C	GALLON	0.38	6.00	9.28	0.017%	0.0006	0.007%	0.0002	0.005%	0.0002	0.001%	0.0000	0.000%	0.0000	0.000%	0.0000
UV-2	972-C5W-1007	W/W Rollercoat UV Sealer	GALLON	0.13	2.00	9.46	0.027%	0.0003	0.011%	0.0001	0.031%	0.0004	0.002%	0.0000	0.000%	0.0000	0.000%	0.0000
UV-2	972-30C5W-1048	UV Edge Top Coat	GALLON	0.13	2.00	9.43	0.020%	0.0002	0.008%	0.0001	0.005%	0.0001	0.002%	0.0000	0.000%	0.0000	0.000%	0.0000
TOTAL				4.56	73.00	ACTUAL	Lbs./Hour	0.0011	Lbs./Hour	0.0005	Lbs./Hour	0.0006	Lbs./Hour	0.0001	Lbs./Hour	0.2908	Lbs./Hour	0.4695
						ACTUAL	Lbs./Year	4.7700	Lbs./Year	1.9468	Lbs./Year	2.4940	Lbs./Year	0.3796	Lbs./Year	1209.9319	Lbs./Year	1952.9228
						ACTUAL	Tons/Year	0.0024	Tons/Year	0.0010	Tons/Year	0.0012	Tons/Year	0.0002	Tons/Year	0.6050	Tons/Year	0.9765
						P.T.E.	Hours/Year	8760	Hours/Year	8760	Hours/Year	8760	Hours/Year	8760	Hours/Year	8760	Hours/Year	8760
						P.T.E.	Lbs./Year	10.0444	Lbs./Year	4.0995	Lbs./Year	5.2517	Lbs./Year	0.7995	Lbs./Year	2547.8375	Lbs./Year	4112.4048
						P.T.E.	Tons/Year	0.0050	Tons/Year	0.0020	Tons/Year	0.0026	Tons/Year	0.0004	Tons/Year	1.2739	Tons/Year	2.0562

Dust Collector (Controlling UV Coating Process Only UV-1 & UV-2):

UNIT ID	UNIT NAME	PROCESS CONTROLLED UV-1 & UV-2	UNIT OF MEASURE	INTO UV-DC1 PER HOUR	UV-DC1 EFFICIENCY	CAPTURED PM PER HOUR	ACTUAL PM EMITTED PER HOUR	ACTUAL LBS. CAPTURED PM PER YEAR	ACTUAL LBS. PM EMITTED PER YEAR	PTE LBS. CAPTURED PM PER YEAR	PTE LBS. EMITTED PER YEAR	PTE TONS CAPTURED PM PER YEAR	PTE TONS EMITTED PM PER YEAR
UV-DC1	MAC2FLO	Sanding/Scuffing Operation	POUNDS	40.00	99.99%	39.996	0.004	166,383.36	16.640	350,365	35.04	175.18	0.018



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Shawn McCormick
Kimball Office - Salem
200 Kimball Blvd
Salem, IN 47167-9682

DATE: November 10, 2009

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Title V - Minor Source Modification
175 - 28554 - 00007

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Dusty Hancock, Director of Ops
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	LPOGOST 11/9/2009 Kimball Office - Salem 175 - 28554f & 28558d - 00007 (draft and final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Shawn McCormick Kimball Office - Salem 200 Kimball Blvd Salem IN 47167-9682 (Source CAATS) Via confirmed delivery									
2		Dusty Hancock Director of Ops Kimball Office - Salem 200 Kimball Blvd Salem IN 47167-9682 (RO CAATS)									
3		Mr. Randy Brown Plumbers & Steam Fitters Union, Local 136 2300 St. Joe Industrial Park Dr Evansville IN 47720 (Affected Party)									
4		Washington County Health Department 806 Martinsburg Road, Ste 100 Salem IN 47167 (Health Department)									
5		Washington County Commissioners 99 Public Square Salem IN 47167 (Local Official)									
6		Salem City Council and Mayors Office 38 Public Square Salem IN 47167 (Local Official)									
7		Salem Washington Twp _Public Library 212 N Main St Salem IN 47167-2099 (Library)									
8											
9											
10											
11											
12											
13											
14											
15											

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
---	--	--	--