



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: February 1, 2005
RE: Indian Industries, Inc. / 163-17594-00008
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted, 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 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

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.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

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.



Mitchell E. Daniels, Jr.
Governor

100 North Senate Avenue
Indianapolis, Indiana 46204

Thomas W. Easterly
Commissioner

(317) 232-8603
(800) 451-6027
www.in.gov/idem

PART 70 OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

**Indian Industries, Inc., DBA Escalade Sports
817 Maxwell Avenue
Evansville, Indiana 47711**

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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.

Operation Permit No.: T163-17594-00008	
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: February 1, 2005 Expiration Date: February 1, 2010

TABLE OF CONTENTS

A	SOURCE SUMMARY	5
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]	
B	GENERAL CONDITIONS	8
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]	
B.3	Enforceability [326 IAC 2-7-7]	
B.4	Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]	
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]	
B.14	Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]	
B.15	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.16	Permit Renewal [326 IAC 2-7-4]	
B.17	Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]	
B.18	Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]	
B.19	Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]	
B.20	Source Modification Requirement [326 IAC 2-7-10.5]	
B.21	Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]	
B.22	Transfer of Ownership or Operational Control [326 IAC 2-7-11]	
B.23	Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]	
B.24	Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314]	
C	SOURCE OPERATION CONDITIONS.....	19
	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 [40 CFR 52 Subpart P][326 IAC 6-3-2]	
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	Operation of Equipment [326 IAC 2-7-6(6)]	
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 Pressure Gauge and Other 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 Compliance Response Plan - Preparation, Implementation, Records, and Reports
[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]
- C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

Stratospheric Ozone Protection

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

D.1 FACILITY OPERATION CONDITIONS – Surface Coating Operations 28

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

- D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]
- D.1.2 Particulate Matter (PM) [40 CFR 52 Subpart P]
- D.1.3 Particulate [326 IAC 6-3-2(d)]
- D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]
- D.1.5 General Provisions Relating to HAPs [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2
to 40 CFR Part 63, Subpart P] [40 CFR 63.4501]
- D.1.6 National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic
Parts and Products [40 CFR Part 63, Subpart P] [40 CFR 63.4481] [40 CFR 63.4482]
[40 CFR 63.4483(b)] [40 CFR 63.4581]

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

- D.1.7 Monitoring [40 CFR 64]

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

- D.1.8 Record Keeping Requirements
- D.1.9 Notification Requirements [40 CFR 63.4510]
- D.1.10 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12][326
IAC 2-7-5]

D.2 FACILITY OPERATION CONDITIONS – Significant Machining Operations 33

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

- D.2.1 Particulate [326 IAC 6-3-2]
- D.2.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.2.3 Particulate Control

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

- D.2.4 Visible Emissions Notations

- D.2.5 Parametric Monitoring
- D.2.6 Broken or Failed Bag Detection

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

- D.2.7 Recordkeeping Requirements

D.3 FACILITY OPERATION CONDITIONS – Fiberglass Manufacturing Operations..... 36

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

- D.3.1. General Provisions Relating to NESHAP [326 IAC 20-1][40 CFR Part 63, Subpart A]
- D.3.2 National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production [40 CFR Part 63.5805, Subpart WWWW]
- D.3.3 National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production - Notification Requirements [40 CFR 63, Subpart WWWW]
- D.3.4 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12][326 IAC 2-7-5]

D.4 FACILITY OPERATION CONDITIONS – Insignificant Activities..... 39

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

- D.4.1 Volatile Organic Compounds (VOC)
- D.4.2 Particulate Matter (PM) [326 IAC 4-2]
- D.4.3 Particulate Matter (PM) [40 CFR 52 Subpart P]

Certification..... 41
Emergency Occurrence Report 42
Quarterly Deviation and Compliance Monitoring Report 44

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Evansville Environmental Protection Agency. 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 sporting and athletic goods production source.

Responsible Official:	Jim Allshouse
Source Address:	817 Maxwell Avenue, Evansville, IN 47711
Mailing Address:	P.O Box 889, Evansville, IN 47706
General Source Phone Number:	812-467-1264
SIC Code:	3949
County Location:	Vanderburgh
Source Location Status:	Basic Non-attainment for Ozone, Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Major Source, under NSR Non-attainment Major Source, Section 112 of the Clean Air Act

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) The following surface coating operations at the Table Tennis production line identified as unit #T1:
- (1) One (1) front spray booth, identified as T0178 and constructed in 1968, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: T0178s);
 - (2) One (1) UV Fill machine, identified as T0150 and constructed in 1972, with a maximum capacity of 180 wooden table tennis boards per hour, and exhausting through one (1) stack (S/V ID: T0150s);
 - (3) one (1) undercoater and electric oven, identified as T0153 and constructed in 1975, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausting through two (2) stacks (S/V ID: T0153As, T0153Bs), respectively;
 - (4) one (1) precision coater, identified as T0154 and constructed in 1992, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausted through one (1) stack (S/V ID: T0154s);
 - (5) one (1) back spray booth, identified as T0362 and constructed in 1990, with a maximum capacity of coating 72 wooden table tennis boards per hour, utilizing HVLP application with dry filters for overspray control and exhausted through one (1) stack (S/V ID: T0362s).

- (6) one (1) undercoater with an electric oven, identified as T0156 and constructed in 2000, with a maximum capacity of coating 138 wooden table tennis boards per hour, utilizing roller application, and exhausting through one (1) stack (S/V ID: T0156s).
 - (7) One (1) table tennis board silk screen machine, identified as T0396 and constructed in 2000, capable of painting 140 units per hour.
 - (8) One (1) UV drying oven, identified as T0398 and constructed in 2000, rated at 50 KW.
 - (9) One (1) clean-up area, identified as T0399 and constructed in 2000, with a maximum usage rate of 0.28 gallon of solvent per hour.
- (b) The following surface coating operations at the Archery Spray Booth production line identified as Unit# ASB:
- (1) one (1) surface coating booth, identified as AO311 and constructed in 1968, with a maximum capacity of coating 135 fiberglass bow limbs per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: AO311s).
- (c) One (1) archery fiberglass string roving bow molding operation, identified as Unit# ABM and constructed in 1967, with a maximum capacity of producing 99 bows per hour, consisting of four (4) resin mix tanks exhausting through one (1) stack (S/V ID: A0053s), four (4) wrapping stations, and four (4) heated bow mold presses, each exhausting inside the plant;
- (d) The following significant machining operations:
- (1) one (1) pool mill shoda router, with a maximum throughput of 1,250 pounds of particle board per hour, constructed in 1995, utilizing a dust collector (0429) for particulate control, and exhausting through one (1) stack (S/V ID: 0429s); and
 - (2) one (1) archery machining operation and one (1) pool mill machining operation, constructed in 1968, with a total maximum throughput of 22,000 pounds of fiberglass and particle board per hour, all utilizing one (1) baghouse (0329) for particulate control, and exhausting through one (1) stack (S/V ID: 0329s).
- (e) The following operations for the Murrey pool table manufacturing:
- (1) Two (2) finishing spray booths, identified as M 0700 and M 0701 and constructed in 2002, each with a maximum capacity of coating 0.25 wooden pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through stacks M 0700s and M 0701s, respectively;
 - (2) One (1) gluing/sanding booth, identified as M 0702 and constructed in 2002, with a maximum capacity of coating 1.33 pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: M 0702s); and
 - (3) Woodworking operation with a raw material input of 642 pounds per hour, constructed in 2002, controlled by a pulse-jet baghouse (M 0704) and exhausting inside the building.

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) Degreasing operations that do not exceed 145 gallons (not to include waste solvent shipped off site) per 12 months, except if subject to 326 IAC 20-6 (two (2) Safety-Kleen parts cleaner-wash tanks) [326 IAC 8-3-5(a)]; and
- (b) One (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven [326 IAC 4-2].

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]

This permit 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.

B.3 Enforceability [326 IAC 2-7-7]

(a) 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, *Evansville EPA*, and the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

(b) Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by Evansville EPA.

B.4 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.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 and Evansville EPA within a reasonable time, any information that IDEM, OAQ and Evansville EPA 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 and Evansville EPA 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 a 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 in letter form no later than April 15th of each year to:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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 and Evansville EPA, 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 and Evansville EPA, 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) The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ and Evansville EPA, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and Evansville EPA. IDEM, OAQ and Evansville EPA, 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 PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) 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: 317-233-5674 (ask for Compliance Section)

Facsimile Number: 317-233-5967

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

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

The notice fulfills the requirement of 326 IAC 2-7-5(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) 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 in 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 and Evansville EPA 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 and Evansville EPA 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 and Evansville EPA has issued the modification. [326 IAC 2-7-12(b)(8)]

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

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

B.14 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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.15 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 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 and Evansville EPA 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 and Evansville EPA 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 and Evansville EPA at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ and Evansville EPA may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-4]

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

- (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and Evansville EPA on or before the date it is due.

- (2) If IDEM, OAQ and Evansville EPA, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
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 and Evansville EPA 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 and Evansville EPA, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ and Evansville EPA fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.17 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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)]
- (d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

B.18 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.19 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 emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

and

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

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

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

Such records shall consist of all information required to be submitted to IDEM, OAQ and Evansville EPA 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 increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(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, Evansville EPA 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.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.21 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, Evansville EPA and 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.22 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and
Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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.23 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 and Evansville EPA 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 or Evansville EPA, 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.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314]

Notwithstanding the conditions of this permit that state specific methods that may be used to demonstrate compliance with, or a violation of, applicable requirements, any person (including the Permittee) may also use other credible evidence to demonstrate compliance with, or a violation of, any term or condition of this permit.

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 [40 CFR 52 Subpart P][326 IAC 6-3-2]

- (a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- (b) 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. This condition is not federally enforceable.

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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

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

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. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit(s) vented to the control equipment is in operation.

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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 Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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 and Evansville EPA not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ and Evansville EPA 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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

- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (2%) of full scale reading.

- (b) The Permittee may request the IDEM, OAQ approve the use of a other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other 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 shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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

The ERP does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (c) If the ERP is disapproved by IDEM, OAQ and Evansville EPA, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ and Evansville EPA, 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 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.

- (4) The process has already returned or is returning to operating within “normal” parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

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 and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
 - (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by 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(b)(3), starting in 2006 and every three (3) years thereafter, the Permittee shall submit by July 1 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 emission of pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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 and Evansville EPA, 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]

- (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 or Evansville EPA makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or Evansville EPA 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.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

- (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 and Evansville EPA 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.

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

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - The following surface coating operations at the plant:

- (a) The following surface coating operations at the Table Tennis production line identified as unit #T1:
- (1) One (1) front spray booth identified as T0178 and constructed in 1968 with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: T0178s);
 - (2) One (1) UV Fill machine, identified as T0150 and constructed in 1972, with a maximum capacity of 180 wooden table tennis boards per hour, and exhausting through one (1) stack (S/V ID: T0150s);
 - (3) one (1) undercoater, identified as T0153 and constructed in 1975, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausting through two (2) stacks (S/V ID: T0153As, T0153Bs), respectively;
 - (4) one (1) precision coater, identified as T0154 and constructed in 1992, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausted through one (1) stack (S/V ID: T0154s);
 - (5) one (1) back spray booth, identified as T0362 and constructed in 1990, with a maximum capacity of coating 72 wooden table tennis boards per hour, utilizing HVLP application with dry filters for overspray control and exhausted through one (1) stack (S/V ID: T0362s).
 - (6) one (1) undercoater with an electric oven, identified as T0156 and constructed in 2000, with a maximum capacity of coating 138 wooden table tennis boards per hour, utilizing roller application, and exhausting through one (1) stack (S/V ID: T0156s).
 - (7) One (1) table tennis board silk screen machine, identified as T0396 and constructed in 2000, capable of painting 140 units per hour.
 - (8) One (1) UV drying oven, identified as T0398 and constructed in 2000 rated at 50 KW.
 - (9) One (1) clean-up area, identified as T0399 and constructed in 2000, with a maximum usage rate of 0.28 gallon of solvent per hour.
- (b) The following surface coating operations at the Archery Spray Booth production line identified as Unit# ASB:
- (1) One (1) surface coating booth, identified as AO311 and constructed in 1968, with a maximum capacity of coating 135 fiberglass bow limbs per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: AO311s)
- (c) The following operations for the Murrey pool table manufacturing:
- (1) Two (2) finishing spray booths, identified as M 0700 and M 0701 and constructed in 2002, each with a maximum capacity of coating 0.25 wooden pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through stacks M 0700s and M 0701s, respectively;
 - (2) One (1) gluing/sanding booth, identified as M 0702 and constructed in 2002, with a maximum capacity of coating 1.33 pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: M 0702s).

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

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

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

Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), the table tennis surface coating booths identified as T0178, T0153, T0154, T0156 and T0362, and the pool table finishing spray booths M 0700 and M 0701 shall utilize one of the following application methods:

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

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

D.1.2 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) from the surface coating booths identified as T0178, T0362, and AO311, the finishing spray booths, identified as M 0700 and M 0701 and the gluing/sanding booth, identified as M 0702 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:

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

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

Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating operations shall be controlled by a dry filters and the Permittee shall operate the control device in accordance with manufacturer's specifications. This requirement to operate the control is not federally enforceable.

D.1.4 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 M 0700, M 0701, M 0702, T0178, T0362, and AO311, and their corresponding dry filter control devices.

D.1.5 General Provisions Relating to HAPs [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart PPPP] [40 CFR 63.4501]

- (a) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the surface coating booth, identified as AO311, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart PPPP. The Permittee must comply with these requirements on and after April 19, 2004.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.1.6 National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products [40 CFR Part 63, Subpart PPPP] [40 CFR 63.4481] [40 CFR 63.4482] [40 CFR 63.4483(b)] [40 CFR 63.4581]

- (a) The provisions of 40 CFR Part 63, Subpart PPPP (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products) apply to the surface coating booth, identified as AO311. A copy of this rule is available on the US EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/plastic/plasticpg.html>. Pursuant to 40 CFR 63.4483(b), the Permittee must comply with these requirements on and after April 19, 2007.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (c) The following emissions units comprise the affected source that is subject to 40 CFR 63, Subpart PPPP:
- (1) All coating operations as defined in 40 CFR 63.4581;
 - (2) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;
 - (3) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and
 - (4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.
- (d) Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.4581, and are applicable to the affected source.

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

D.1.7 Monitoring

- (a) Weekly inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, daily manometer pressure checks shall be performed on the surface coating booths (T0178, T0362, AO311, M 0700, M 0701 and M 0702) while one or more of the booths are in operation. The pressure drop across each booth shall be maintained within the range specified within the Compliance Response Plan. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (b) Monthly inspections shall be performed for the coating emissions from the stack and the presence of overspray on the nearby ground and annual inspections shall be performed for the presence of overspray on the rooftop. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.1.8 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.7, the Permittee shall maintain a log of weekly overspray observations, daily manometer pressure checks, monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.9 Notification Requirements [40 CFR 63.4510]

- (a) General. The Permittee must submit the notifications in 40 CFR 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) that apply to the surface coating booth, identified as AO311, by the dates specified in those sections, except as provided in 40 CFR 63.4510, paragraphs (b) and (c).
- (b) Initial notification. The Permittee must submit the initial notification no later than April 19, 2005. If using compliance with the Automobiles and Light-Duty Trucks NESHAP (40 CFR Part 63, Subpart IIII) under 40 CFR 63.4881(d) to constitute compliance with this subpart for the plastic part coating operations, then the Permittee must include a statement to this effect in the initial notification and no other notifications are required under this subpart. If complying with another NESHAP that constitutes the predominant activity at the facility under 40 CFR 63.4481(e)(2) to constitute compliance with this subpart for the plastic coating operations, then the Permittee must include a statement to this effect in the initial notification and no other notifications are required under this subpart.
- (c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4540, 40 CFR 63.4550, or 40 CFR 63.4560 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.4510(c), paragraphs (1) through (11) and in 40 CFR 63.9(h).

D.1.10 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12][326 IAC 2-7-5]

The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Part 70 permit.

- (a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Part 70 permit the applicable requirements of 40 CFR 63, Subpart PPPP, a description of the surface coating booth, identified as AO311, and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.
- (b) The significant permit modification application shall be submitted no later than July 19, 2006.
- (c) The significant permit modification application shall be submitted to:
Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]	
(a)	The following significant machining operations:
(1)	one (1) pool mill shoda router, with a maximum throughput of 1,250 pounds of particle board per hour, constructed in 1995, utilizing a dust collector (0429) for particulate control, and exhausting through one (1) stack (S/V ID: 0429s);
(2)	one (1) archery machining operation, and one (1) pool mill machining operation, constructed in 1968, with a total maximum throughput of 22,000 pounds of fiberglass and particle board per hour, all utilizing one (1) baghouse (0329) for particulate control, and exhausting through one (1) stack (S/V ID: 0329s); and
(b)	Woodworking operation with a raw material input of 642 pounds per hour, controlled by a pulse-jet baghouse (M 0704) and exhausting inside the building.
(The information describing the process in this facility description is descriptive information and does not constitute enforceable condition.)	

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

D.2.1 Particulate [326 IAC 6-3-2] [326 IAC 2-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the following facilities shall not exceed the limits as stated when operating at the respective process weight rates:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)
one (1) pool mill shoda router	0.625	2.99
one (1) archery machining operation, and one (1) pool mill machining operation	11	20.44
Woodworking Operation	0.321	1.91

The pounds per hour limitations were calculated with the following equation:

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

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

Compliance with 326 IAC 6-3-2 limits will limit the PM and PM 10 (assuming PM = PM10) emissions to 110.98 tons per year and this limit will render the requirements of 326 IAC 2-2 not applicable.

D.2.2 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 the significant machining operations and wood working operations and baghouses /dust controller listed in this section.

Compliance Determination Requirements

D.2.3 Particulate Control

In order to comply with condition D.2.1 the baghouse / dust controllers 0329, M 0704, and 0429 for particulate control shall be in operation and control emissions from the archery machining centers and pool area machining centers, woodworking operations and pool mill shoda router respectively at all times that the archery machining centers and pool area machining centers, woodworking operations and pool mill shoda router are in operation.

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

D.2.4 Visible Emissions Notations [40 CFR Part 64]

- (a) Daily visible emission notations of the dust controller 0429 stack exhaust and once per shift visible emission notations for dust controlled 0329 stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

D.2.5 Parametric Monitoring [40 CFR Part 64]

The Permittee shall record the total static pressure drop across the each baghouse (O329 and O429) used in conjunction with the archery machining centers and pool area machining centers, basketball area powermatic CNC router, and pool mill shoda router, at least once weekly when the woodworking and plastics machining processes are in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across each baghouse shall be maintained within the range specified below or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

<u>Baghouse</u>	<u>Pressure Drop</u>
O329	0.8 - 5.0 inches of water
O330	1.0 - 5.0 inches of water
O429	0.8 - 2.0 inches of water

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAM, and the Evansville Environmental Protection Agency and shall be calibrated at least once every six (6) months.

D.2.6 Broken or Failed Bag Detection

In the event that bag failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit. If operations continue after bag failure is observed and it will be 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.
- (b) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.2.7 Record Keeping Requirements

- (a) To document compliance with Condition D.2.4, the Permittee shall maintain records of daily visible emission notations of the baghouse/dust controller (O329, and O429) stack exhaust.
- (b) To document compliance with Condition D.2.5, the Permittee shall maintain the following:
 - (1) Weekly records of the total static pressure drop during normal operation when venting to the atmosphere.
 - (2) Documentation of the dates vents are redirected.
- (c) To document compliance with Condition D.2.2, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - The following fiberglass manufacturing operations:

(a) One (1) archery fiberglass string roving bow molding operation and constructed in 1967, identified as Unit# ABM, with a maximum capacity of producing 99 bows per hour, consisting of four (4) resin mix tanks exhausting through one (1) stack (S/V ID: A0053s), four (4) wrapping stations, and four (4) heated bow mold presses, each exhausted inside the plant;

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

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

D.3.1. General Provisions Relating to NESHAP [326 IAC 20-1][40 CFR Part 63, Subpart A]

- (a) The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the reinforced plastic composites production described in 40 CFR 63.5790(b), except when otherwise specified in 40 CFR 63 Subpart WWWW.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.3.2 National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production [40 CFR Part 63.5805, Subpart WWWW]

- (a) The reinforced plastic composites production affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reinforced Plastic Composites Production, (40 CFR 63, Subpart WWWW), effective April 21, 2003. Pursuant to this rule, the Permittee must comply with Subpart WWWW by April 21, 2006, or accept and meet an enforceable HAP emissions limit below the major source threshold prior to April 21, 2006. Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (b) The following emissions units comprise the affected source that is subject to 40 CFR 63, Subpart WWWW:
 - (1) One (1) archery fiberglass string roving bow molding operation, identified as Unit# ABM
- (c) The definitions of 40 CFR 63, Subpart WWWW at 40 CFR 63.5935 are applicable to the affected source.

D.3.3 National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production - Notification Requirements [40 CFR 63, Subpart WWWW]

- (a) Pursuant to 40 CFR 63.5905, the Permittee shall submit all of the notifications in Table 13 of 40 CFR 63, Subpart WWWW that apply to the affected source and chosen compliance method by the dates specified. These notifications include, but are not limited to, the following:
 - (1) An Initial Notification containing the information specified in 40 CFR 63.9(b)(2) no later than August 19, 2003.

- (2) If complying with organic HAP emissions limit averaging provisions, the Permittee shall submit a Notification of Compliance Status, containing the information specified in 40 CFR 63.9(h), no later than May 21, 2007.
 - (3) If complying with organic HAP content limits, application equipment requirements, or organic HAP emissions limit other than organic HAP emissions limit averaging, the Permittee shall submit a Notification of Compliance Status, containing the information specified in 40 CFR 63.9(h), no later than May 21, 2006.
 - (4) If complying by using an add-on control device, the Permittee shall submit:
 - (A) A notification of intent to conduct a performance test as specified in 40 CFR 63.9(e), at least 60 calendar days before the performance test is scheduled to begin.
 - (B) A notification of the date for the CMS performance evaluation, if required, as specified in 40 CFR 63.9(g), by the date of submission of the notification of intent to conduct a performance test.
 - (C) A Notification of Compliance Status as specified in 40 CFR 63.9(h), no later than 60 calendar days after the completion of the add-on control device performance test and CMS performance evaluation.
- (b) The notifications required by paragraph (a) shall be submitted to:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

and

United States Environmental Protection Agency, Region V
Director, Air and Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

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

D.3.4 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12][326 IAC 2-7-5]

The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Part 70 permit.

- (a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Part 70 permit the applicable requirements of 40 CFR 63, Subpart WWWW, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.
- (b) The significant permit modification application shall be submitted no later than nine months before April 21, 2006.
- (c) The significant permit modification application shall be submitted to:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

SECTION D.4

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - The following specifically regulated insignificant activities:

- (a) Degreasing operations that do not exceed 145 gallons (not to include waste solvent shipped off site) per 12 months, except if subject to 326 IAC 20-6 (two (2) Safety-Kleen parts cleaner-wash tanks).
- (b) One (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven.
- (c) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone.
- (d) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.
- (e) One (1) basketball backboard powder coating lines, each operating within a fully enclosed, fully air-conditioned system for the capture and recycling of powder.

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

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

D.4.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

The two (2) Safety-Kleen cold cleaner degreasers (parts washers) shall comply with the following operating and control requirements:

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.4.2 Particulate Matter (PM) [326 IAC 4-2]

Pursuant to Evansville EPA Operating Permit #R-008-002-001, issued on February 1, 1995, the one (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven used to bake off cured paint residue from bake oven racks shall not emit PM in excess of 0.5 pounds per one thousand (1000) pounds of dry exhaust gas at standard conditions corrected to fifty percent (50%) excess air.

D.4.3 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the particulate matter emissions from the trimmers, grinding and machining operations, buffing, polishing, abrasive blasting, pneumatic conveying, woodworking operations and the basketball backboard powder coating lines shall not exceed the pound per hour emission rate established as E in the following formula:

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
and the
Evansville Environmental Protection Agency**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Indian Industries, Inc., DBA Escalade Sports
Source Address: 817 Maxwell Avenue, Evansville, IN 47711
Mailing Address: P.O Box 889, Evansville, IN 47706
Part 70 Permit No.: T163-17594-00008

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
P.O. Box 6015**

Indianapolis, Indiana 46206-6015

Phone: 317-233-5674

Fax: 317-233-5967

and the

Evansville Environmental Protection Agency

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Indian Industries, Inc., DBA Escalade Sports

Source Address: 817 Maxwell Avenue, Evansville, IN 47711

Mailing Address: P.O Box 889, Evansville, IN 47706

Part 70 Permit No.: T163-17594-00008

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12) <ul style="list-style-type: none">C The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); andC The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-5967), 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
and the
Evansville Environmental Protection Agency**

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Indian Industries, Inc., DBA Escalade Sports
Source Address: 817 Maxwell Avenue, Evansville, IN 47711
Mailing Address: P.O Box 889, Evansville, IN 47706
Part 70 Permit No.: T163-17594-00008

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. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do 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 Operating Permit Renewal

Source Background and Description

Source Name:	Indian Industries, Inc., DBA Escalade Sports
Source Location:	817 Maxwell Ave. Evansville, IN 47711
County:	Vanderburgh
SIC Code:	3949
Operation Permit No.:	T163-7324-00008
Operation Permit Issuance Date:	March 18, 1999
Permit Renewal No.:	T163-17594-00008
Permit Reviewer:	Rajesh Thotakura / EVP

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit Renewal application from Indian Industries, Inc., DBA Escalade Sports relating to the operation of sporting and athletic goods production source.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) The following surface coating operations at the Table Tennis production line identified as unit #T1:
- (1) One (1) front spray booth, identified as T0178 and constructed in 1968, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: T0178s);
 - (2) One (1) UV Fill machine, identified as T0150 and constructed in 1972, with a maximum capacity of 180 wooden table tennis boards per hour, and exhausting through one (1) stack (S/V ID: T0150s);
 - (3) one (1) undercoater and electric oven, identified as T0153 and constructed in 1975, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausting through two (2) stacks (S/V ID: T0153As, T0153Bs), respectively;
 - (4) one (1) precision coater, identified as T0154 and constructed in 1992, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausted through one (1) stack (S/V ID: T0154s);
 - (5) one (1) back spray booth, identified as T0362 and constructed in 1990, with a maximum capacity of coating 72 wooden table tennis boards per hour, utilizing HVLP application with dry filters for overspray control and exhausted through one (1) stack (S/V ID: T0362s).

- (6) one (1) undercoater with an electric oven, identified as T0156 and constructed in 2000, with a maximum capacity of coating 138 wooden table tennis boards per hour, utilizing roller application, and exhausting through one (1) stack (S/V ID: T0156s).
 - (7) One (1) table tennis board silk screen machine, identified as T0396 and constructed in 2000, capable of painting 140 units per hour.
 - (8) One (1) UV drying oven, identified as T0398 and constructed in 2000, rated at 50 KW.
 - (9) One (1) clean-up area, identified as T0399 and constructed in 2000, with a maximum usage rate of 0.28 gallon of solvent per hour.
- (b) The following surface coating operations at the Archery Spray Booth production line identified as Unit# ASB:
- (1) one (1) surface coating booth, identified as AO311 and constructed in 1968, with a maximum capacity of coating 135 fiberglass bow limbs per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: AO311s).
- (c) One (1) archery fiberglass string roving bow molding operation, identified as Unit# ABM and constructed in 1967, with a maximum capacity of producing 99 bows per hour, consisting of four (4) resin mix tanks exhausting through one (1) stack (S/V ID: A0053s), four (4) wrapping stations, and four (4) heated bow mold presses, each exhausting inside the plant;
- (d) The following significant machining operations:
- (1) one (1) pool mill shoda router, with a maximum throughput of 1,250 pounds of particle board per hour, constructed in 1995, utilizing a dust collector (0429) for particulate control, and exhausting through one (1) stack (S/V ID: 0429s); and
 - (2) one (1) archery machining operation and one (1) pool mill machining operation, constructed in 1968, with a total maximum throughput of 22,000 pounds of fiberglass and particle board per hour, all utilizing one (1) baghouse (0329) for particulate control, and exhausting through one (1) stack (S/V ID: 0329s).
- (e) The following operations for the Murrey pool table manufacturing:
- (1) Two (2) finishing spray booths, identified as M 0700 and M 0701 and constructed in 2002, each with a maximum capacity of coating 0.25 wooden pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through stacks M 0700s and M 0701s, respectively;
 - (2) One (1) gluing/sanding booth, identified as M 0702 and constructed in 2002, with a maximum capacity of coating 1.33 pool tables per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: M 0702s); and
 - (3) Woodworking operation with a raw material input of 642 pounds per hour, constructed in 2002, controlled by a pulse-jet baghouse (M 0704) and exhausting inside the building.

Unpermitted Emission Units and Pollution Control Equipment

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

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million British thermal units per hour (mmBtu/hr):
 - (1) one (1) T-1 table tennis oven, 1.20 mmBtu/hr;
 - (2) one (1) B0195 BB burn-off oven, 0.50 mmBtu/hr;
 - (3) one (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven [326 IAC 4-2];
 - (4) four (4) space heaters each rated at 5.50 mmBtu/hr;
 - (5) one (1) space heater, 4.40 mmBtu/hr;
 - (6) one (1) BB area washer burner, 3.44 mmBtu/hr; and
 - (7) one (1) BB area dryoff and curing oven, 4.00 mmBtu/hr.
 - (8) one (1) natural gas fired drying tunnel, identified as M 0703, with heat input of 0.32 million British thermal units per hour (MMBtu/hr), exhausting through one (1) stack (S/V ID: M 0703s).
- (b) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons. (Oil House Dispensing Room #1 and #2 - 55 gallon drums).
- (c) Degreasing operations that do not exceed 145 gallons (not to include waste solvent shipped off-site) per twelve (12) months, except if subject to 326 IAC 20-6.
 - (1) Two (2) Safety-Kleen parts cleaner-wash tanks [326 IAC 8-3-5].
- (d) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
 - (1) Eight (8) weld wire, one (1) robotic welder in basketball, with a total usage rate of 5000 pounds of weld wire per year (lb/yr), that will exhaust to three (3) roof vents. One (1) weld wire in the Machine Shop and one (1) in the Maintenance Shop [40 CFR 52 Subpart P].
- (e) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
- (f) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone (Edge-banding table tennis paint line) [40 CFR 52 Subpart P].
- (g) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (h) On-site fire and emergency response training approved by the department.
- (i) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations [40 CFR 52 Subpart P].
- (j) Mold release agents using low volatile products (vapor pressure less than or equal to 2 kilopascals measured at 38 degrees C. (Archery bow molding)

- (k) Other activities or categories not previously identified:
 - (1) one (1) blister packaging machine (Archery);
 - (2) One (1) basketball backboard powder coating lines, each operating within a fully enclosed, fully air-conditioned system for the capture and recycling of powder [40 CFR 52 Subpart P];
 - (3) one (1) five-stage washer located in the basketball manufacturing area.

Existing Approvals

The source has constructed or has been operating under the following previous approvals:

- (a) Part 70 permit no. T163-7324-00008, issued on March 18, 1999;
- (b) First administrative amendment no. 163-10894-00008, issued on July 28, 1999;
- (c) First minor permit modification no. 163-11792-00008, issued on February 25, 2000;
- (d) Second minor permit modification no. 163-11954-00008, issued on May 8, 2000;
- (e) Third minor permit modification no. 163-12480-00008, issued on October 5, 2000;
- (f) Second administrative amendment no. 163-12977-00008, issued on December 20, 2000
- (g) First part 70 re-opening no. 163-13505-00008, issued on March 13, 2002; and
- (h) Fourth minor permit modification no. 163-15792-00008, issued on October 3, 2002.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

The following terms and conditions from previous approvals have been revised in this Part 70 permit:

- (1) Part 70 permit No. T163-7324-00008, issued on March 18, 1999, Condition A.2:
 - (a) The following surface coating operations at the Table Tennis production line identified as unit #T1:
 - (1) One (1) front spray booth identified as T0178 with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing High Volume-Low Pressure (HVLP) application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: T0178s);
 - (2) One (1) UV Fill machine, identified as T0150, with a maximum capacity of 180 wooden table tennis boards per hour, and exhausting through one (1) stack (S/V ID: T0150s);
 - (3) one (1) undercoater and electric oven, identified as T0153, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausting through two (2) stacks (S/V ID: T0153As, T0153Bs), respectively;

- (4) one (1) precision coater, identified as T0154, with a maximum capacity of coating 180 wooden table tennis boards per hour, utilizing roller application, and exhausted through one (1) stack (S/V ID: T0154s);
 - ~~(5) one (1) back striping machine, identified as T0356, with a maximum capacity of striping 38 wooden table tennis boards per hour, utilizing HVLP application, and exhausted inside the plant;~~
 - (6) one (1) back spray booth, identified as T0362, with a maximum capacity of coating 72 wooden table tennis boards per hour, utilizing HVLP application with dry filters for overspray control and exhausted through one (1) stack (S/V ID: T0362s).
 - (7) one (1) undercoater with an electric oven, identified as T0156, with a maximum capacity of coating 138 wooden table tennis boards per hour, utilizing roller application, and exhausting through one (1) stack (S/V ID: T0156s).
 - (8) One (1) table tennis board silk screen machine, identified as T0396 capable of painting 140 units per hour.
 - (9) One (1) UV drying oven, identified as T0398 rated at 50 KW.
 - (10) One (1) clean-up area, identified as T0399 with a maximum usage rate of 0.28 gallon of solvent per hour.
- (b) The following surface coating operations at the Archery Spray Booth production line identified as Unit# ASB:
- ~~(1) one (1) dip tank and spray operation, identified as AO326, with a maximum capacity of coating 90 fiberglass bow limbs and quivers or 75 metals bow handles per hour, utilizing dry filters for overspray control and exhausting through one (1) stack (S/V ID: AO326s)~~
 - ~~(2) two (2) surface coating booths, identified as AO327 and AO328, each with a maximum capacity of coating 90 fiberglass bow limbs and quivers or 75 metal bow handles per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through two (2) stacks (S/V ID: AO327s and AO328s), respectively; and~~
 - (3) one (1) surface coating booth, identified as AO311, with a maximum capacity of coating 135 fiberglass bow limbs per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID: AO311s).
- ~~(c) One (1) pool equipment and miscellaneous parts spray booth, identified as P0044, with a maximum capacity of coating 25 plastic pool table legs per hour, utilizing HVLP application with dry filters for overspray control, and exhausting through one (1) stack (S/V ID P0044s);~~
- (d) One (1) archery fiberglass string roving bow molding operation, identified as Unit# ABM, with a maximum capacity of producing 99 bows per hour, consisting of four (4) resin mix tanks exhausting through one (1) stack (S/V ID: A0053s), four (4) wrapping stations, and four (4) heated bow mold presses, each exhausted inside the plant;
- (e) The following significant machining operations:

- (1) one (1) pool mill shoda router, with a maximum throughput of 1,250 pounds of particle board per hour; utilizing a dust collector (0429) for particulate control, and exhausting through one (1) stack (S/V ID: 0429s);
 - ~~(2) one (1) basketball area powermatic CNC router, with a maximum throughput of 2,500 pounds of particles and acrylic board per hour, utilizing a baghouse (0330) for particulate control, and exhausting through one (1) stack (S/V ID: 0330s); and~~
 - (3) one (1) archery machining operation, and one (1) pool mill machining operation, with a total maximum throughput of 22,000 pounds of fiberglass and particle board per hour, all utilizing one (1) baghouse (0329) for particulate control, and exhausting through one (1) stack (S/V ID: 0329s).
- ~~(f) The fiberglass basketball backboard closed sheet molding production line identified as Unit# B-1 consisting of the following equipment:~~
- ~~(1) one (1) 1000 ton W&W press, with a maximum capacity of producing 30 backboards per hour, exhausting inside the plant;~~
 - ~~(2) one (1) 500 ton Onsurd press, with a maximum capacity of producing 7 backboards per hour, exhausting inside the plant;~~
 - ~~(3) one (1) 508 ton French press, with a maximum capacity of producing 8 backboards per hour, exhausting inside the plant; and~~
 - ~~(4) The addition of one (1) new fiberglass basketball acrylic backboards gluing operation, which has a capacity to glue a maximum of 20 backboards per hour, utilizing a special type spray gun, exhausting inside the building.~~

Reason Changed: The strikeout equipment have been removed from the source.

- (2) Part 70 permit No. T163-7324-00008, issued on March 18, 1999, Condition A.3:
 - (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million British thermal units per hour (mmBtu/hr):
 - (1) one (1) T-1 table tennis oven, 1.20 mmBtu/hr;
 - (2) one (1) B0405 195 BB burn-off oven, 0.50 mmBtu/hr;
 - (3) one (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven;
 - ~~(4) one (1) Mask washer oven, 0.48 mmBtu/hr;~~
 - (5) four (4) space heaters each rated at 5.50 mmBtu/hr;
 - (6) one (1) space heater, 4.40 mmBtu/hr;
 - (7) one (1) BB area washer burner, 3.44 mmBtu/hr; and
 - (8) one (1) BB area dryoff and curing oven, 4.00 mmBtu/hr.
 - (9) one (1) natural gas fired drying tunnel, identified as M 0703, with heat input of 0.32 million British thermal units per hour (MMBtu/hr), exhausting through one (1) stack (S/V ID: M 0703s).
 - (b) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons. (Oil House Dispensing Room #1 and #2 - 55 gallon drums)
 - ~~(c) Machining where an aqueous cutting coolant continuously floods the machining interface. (CNC Archery machining area)~~
 - (d) Degreasing operations that do not exceed 145 gallons (not to include waste solvent shipped off-site) per twelve (12) months, except if subject to 326 IAC 20-6.
 - (1) ~~Three (3)~~ **Two (2)** Safety-Kleen parts cleaner-wash tanks

- (e) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
 - (1) ~~Fifteen (15)~~ **Eight (8)** weld wire, one (1) robotic welder in basketball, with a total usage rate of ~~40,000~~ **5000** pounds of weld wire per year (lb/yr), that will exhaust to three (3) roof vents. ~~One (1) weld wire, and one (1) robotic welder in Dept. 100, with a total usage rate of 1,500 lbs/yr.~~ One (1) weld wire in the Machine Shop and one (1) in the Maintenance Shop.
- ~~(f) Infrared cure equipment. (Basketball area)~~
- ~~(g) The relocation of the exposure chambers for curing of UV inks and UV coatings from the UV Oven in pool mill room to the table tennis department, where heat is intended to discharge.~~
- (h) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
- (i) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone. (Edge-banding table tennis paint line)
- (j) Paved and unpaved roads and parking lots with public access.
- (k) On-site fire and emergency response training approved by the department.
- (l) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.
- (m) Mold release agents using low volatile products (vapor pressure less than or equal to 2 kilopascals measured at 38 degrees C. (Archery bow molding ~~and 1000 ton BB press~~)
- ~~(n) Any unit emitting greater than 1 pound per day but less than 5 pounds per day or 1 ton per year of a single HAP:
 - (1) Wall vent for laminator in pool mill room; and
 - (2) Three (3) basketball UV ovens with two (2) stacks.~~
- ~~(o) Any unit emitting greater than 1 pound per day but less than 12.5 pounds per day or 2.5 tons per year of any combination of HAPs:
 - (1) Honeycomb pool table bed assembly (glue machine).~~
- (p) Other activities or categories not previously identified:
 - ~~(1) one (1) corn cob vibratory polisher (Archery);~~
 - (2) one (1) blister packaging machine with odor control hood (Archery);
 - ~~(3) two (2) basketball backboard isocyanate foam presses exhausting through one (1) stack;~~
 - (4) ~~two (2)~~ **One (1)** basketball backboard powder coating lines, each operating within a fully enclosed, fully air-conditioned system for the capture and recycling of powder;
 - (5) one (1) five-stage washer located in the basketball manufacturing area.

Reason Changed: The strikeout equipment has been removed from the source. The cleaner-wash tanks have been reduced from three (3) to two (2). The total usage of welding wire has been reduced from 10,000 pounds per day to 5,000 pounds per day and the weld wires have been reduced from fifteen (15) weld wires to eight (8) weld wires. Basketball backboard powder coating lines have been reduced from two (2) to (1). All the conditions associated with the above facilities have been removed.

(3) Part 70 permit No. T163-7324-00008, issued on March 18, 1999, Condition A.3:

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

Pursuant to 326 IAC 6-1-2, and Evansville EPA Operating Permit #R-008-002-001, issued on February 1, 1995, particulate matter (PM) emissions from the archery machining centers, and pool area machining centers controlled by the dust collector (O329) shall not exceed 0.03 grains per dry standard cubic foot. This is equivalent to a PM emission rate of 5.4 pounds per hour.

D.2.2 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Particulate matter (PM) emissions from the basketball area powermatic CNC router, and pool mill shoda router controlled by the dust collectors 0330 and 0429, respectively, shall not exceed 0.03 grains per dry standard cubic foot.

Reason Changed: The source has a limited PTE particulate of less than one hundred (100) tons per year, as reflected in the draft permit. Further, the source operates particulate control devices and has actual particulate emissions of less than 10 tons per year (actual controlled particulate is less than 7.3 tons per year). Therefore, the requirements of 326 IAC 6-1 do not apply and, instead, the requirements of 326 IAC 6-3 are applicable to this source.

Based on the above discuss, the condition D.2.1 and D.2.2 are revised to reflect the appropriate rule citation, which is 326 IAC 6-3-2.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

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

An administratively complete Part 70 permit renewal application for the purposes of this review was received on May 22, 2003. Additional information was received May 18, 2004 and May 19, 2004.

There was no notice of completeness letter mailed to the Permittee.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (eight (8) pages).

Potential to Emit of the Source

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

The source was issued a Part 70 Operating Permit on March 18, 1999. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 operating Permit 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 (tons/year)						
	PM	PM-10	SO ₂	NO _x	VOC	CO	HAPs
Bow Molding	0	0	0	0	27.23	0	27.23
Murrey pool	115.34	115.34	0	0	11.76	0	2.47
Table Tennis	4.93	4.93	0	0	62.16	0	52.78
Archery Spray Booth	1.87	1.87	0	0	44.78	0	28.83
Maching	24.78	24.78	0	0	0	0	0
Natural Gas (Insignificant Act.)	0.01	1.27	0.1	16.7	0.92	14.04	Negligible
Total PTE	146.93	148.19	0.1	16.7	146.85	14.04	111.31

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC and PM 10 are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is equal to or greater than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is equal to or greater than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (c) **Fugitive Emissions**
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2002 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	7.23
PM-10	7.23
SO ₂	0.0
VOC	6.82
CO	0.0
NO _x	0.0
HAPS	6.33

County Attainment Status

The source is located in Vanderburgh County.

Pollutant	Status
PM-10	Attainment
SO ₂	Attainment
NO ₂	Attainment
1-hour Ozone	Attainment
8-hour Ozone	Non- Attainment
CO	Attainment

- (a) Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Vanderburgh County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for nonattainment new source review.
- (b) Vanderburgh County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

- (a) There are no New Source Performance Standards (326 IAC 12) applicable to this source.
- (b) The wood surface coating operations at Unit #T-1 and Murrey pool table manufacturing are not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), Subpart JJ (Wood Furniture Coating Operations) because table tennis tables and pool tables do not qualify as "wood furniture" under U.S. EPA interpretation.
- (c) This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), Subpart JJJ, National Emission Standards for Hazardous Air Pollutants: Group I Polymers and Resins and Group IV Polymers and Resins, because the source does not have a thermoplastic product process unit (TPPU). The fiberglass bow fabricated using closed bow molding operation is a thermoset product and not a thermoplastic product.
- (d) This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), Subpart QQQQ, National Emission Standards for the Surface Coating of Wood Building Products, because the source does not apply coating to wood building products.
- (e) This source is not subject to the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.460 Subpart T because they do not use in the degreaser any solvent containing the following as a cleaning or drying agent:
 - (1) perchloroethylene
 - (2) trichloroethylene
 - (3) 1,1,1-trichloroethane
 - (4) carbon tetrachloride
 - (5) chloroform
 - (6) methylene chloride

40 CFR 63, Subpart PPPP

- (a) The surface coating of plastic parts and products operation (surface coating booth, identified as AO311) is subject to the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products 40 CFR 63, Subpart PPPP, because the source applies coating to fiberglass bow limbs. A copy of the MACT is currently available on the U.S. EPA website, <http://www.epa.gov/ttn/atw/plastic/plasticpg.html>

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

This rule has a future compliance date; therefore, the specific details of the rule and how the Permittee will demonstrate compliance are not provided in the permit. The Permittee shall submit an application for a significant permit modification nine months prior to the compliance date for the MACT, April 19, 2007, that will specify the option or options for the emission limitations and standards and methods for determining compliance chosen by the Permittee. At that time, IDEM, OAQ will include the specific details of the rule and how the Permittee will demonstrate compliance. In addition, pursuant to 40 CFR 63, Subpart PPPP the Permittee shall submit:

- (a) General. The Permittee must submit the notifications in 40 CFR 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) that apply to the surface coating booth, identified as AO311, by the dates specified in those sections, except as provided in 40 CFR 63.4510, paragraphs (b) and (c).
- (b) Initial notification. The Permittee must submit the initial notification no later than April 19, 2005. If using compliance with the Automobiles and Light-Duty Trucks NESHAP (40 CFR Part 63, Subpart IIII) under 40 CFR 63.4881(d) to constitute compliance with this subpart for the plastic part coating operations, then the Permittee must include a statement to this effect in the initial notification and no other notifications are required under this subpart. If complying with another NESHAP that constitutes the predominant activity at the facility under 40 CFR 63.4481(e)(2) to constitute compliance with this subpart for the plastic coating operations, then the Permittee must include a statement to this effect in the initial notification and no other notifications are required under this subpart.
- (c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4540, 40 CFR 63.4550, or 40 CFR 63.4560 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.4510(c), paragraphs (1) through (11) and in 40 CFR 63.9(h).

40 CFR 63, Subpart WWWW

- (a) The reinforced plastic composites production operation (archery fiberglass string roving bow molding operation, identified as ABM) is subject to the National Emission Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production, 40 CFR 63, Subpart WWWW because the source fabricates reinforced plastic composites (i.e. thermoset resin) containing styrene in them. A copy of the MACT is currently available on the U.S. EPA website, <http://www.epa.gov/ttn/atw/rpc/rpcpg.html>.

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

This rule has a future compliance date; therefore, the specific details of the rule and how the Permittee will demonstrate compliance are not provided in the permit. The Permittee shall submit an application for a significant permit modification nine months prior to the compliance date for the MACT, April 21, 2006, that will specify the option or options for the emission limitations and standards and methods for determining compliance chosen by the Permittee. At that time, IDEM, OAQ will include the specific details of the rule and how the Permittee will demonstrate compliance. In addition, pursuant to 40 CFR 63, Subpart WWWW, the Permittee shall submit:

- (1) An Initial Notification containing the information specified in 40 CFR 63.9(b)(2) no later than August 19, 2003.
- (2) If complying with organic HAP emissions limit averaging provisions, the Permittee shall submit a Notification of Compliance Status, containing the information specified in 40 CFR 63.9(h), no later than May 21, 2007.
- (3) If complying with organic HAP content limits, application equipment requirements, or organic HAP emissions limit other than organic HAP emissions limit averaging, the Permittee shall submit a Notification of Compliance Status,

containing the information specified in 40 CFR 63.9(h), no later than May 21, 2006.

- (4) If complying by using an add-on control device, the Permittee shall submit:
- (A) A notification of intent to conduct a performance test as specified in 40 CFR 63.9(e), at least 60 calendar days before the performance test is scheduled to begin.
 - (B) A notification of the date for the CMS performance evaluation, if required, as specified in 40 CFR 63.9(g), by the date of submission of the notification of intent to conduct a performance test.
 - (C) A Notification of Compliance Status as specified in 40 CFR 63.9(h), no later than 60 calendar days after the completion of the add-on control device performance test and CMS performance evaluation.

40 CFR 64, Compliance Assurance Monitoring

- (a) The requirements of 40 CFR Part 64, Compliance Assurance Monitoring, apply to a pollutant-specific emissions unit (PSEU), as defined in 40 CFR 64.1, at a major source that is required to obtain a Part 70 or 71 permit if the PSEU meets the following criteria:
- (1) the unit is subject to an emission limitation or standard for an applicable regulated air pollutant,
 - (2) the unit uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard, and
 - (3) the unit has a potential to emit (PTE) before controls equal to or greater than 100 percent of the amount (tons per year) of the pollutant required for a source to be classified as a Part 70 major source.

This source was issued initial Part 70 permit no. T163-17594-00008 on March 18, 1999. The surface coating operations at the table tennis production line, identified as unit # T1, archery spray booth, identified as ASB, and archery bow molding operation, identified as ABM as PSEUs have uncontrolled PTE at less than 100 percent of the applicable major Part 70 threshold. Therefore, 40 CFR Part 64, Compliance Assurance Monitoring, is not applicable to surface coating operations at the table tennis production line, archery spray booth and bow molding operations.

The significant machining operations one (1) pool mill shoda router, identified as EU - 0429 and archery/pool machining operations, identified as EU-0329 have uncontrolled PTE at greater than 100 percent of the applicable major Part 70 threshold, each uses a control device (dust controller for pool mill shoda router and baghouse for archery/pool operations) as defined in 40 CFR 64.1 to comply with the particulate matter (PM) emission limitation of 0.03 grains per dry standard cubic foot. The PSEUs meet the criteria for Compliance Assurance Monitoring applicability. Hence 40 CFR Part 64, Compliance Assurance Monitoring, are applicable to one (1) pool mill shoda router, identified as EU -0429 and archery/pool machining operations, identified as EU-0329.

The pollutant-specific emission units as one (1) pool mill shoda router, identified as EU 0429 and archery/pool machining operations, identified as EU-0329 are not a "large units" as described in 40 CFR 64.5. Therefore, the owner or operator has to submit a CAM plan pursuant to 40 CFR 64 as part of the Part 70 renewal application. The Permittee has submitted a CAM plan on May 22, 2003. The current monitoring requirements for one (1) pool mill shoda router, identified as EU -0429 and archery/pool machining operations,

identified as EU-0329 will satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring.

State Rule Applicability – Entire Source

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

The discussion given below is for PSD applicability, for all criteria pollutants, until June 15, 2004. After June 15, 2004, the Vanderburgh County was designated non-attainment for Ozone. The discussion for VOC and NO_x, after June 15, 2004, is given in the next section [326 IAC 2-1.1-5 (Nonattainment New Source Review)]

The source was constructed in 1968, before the PSD applicability of August 7, 1977. This source is not a major stationary source because emissions of volatile organic compounds and particulate matter have always been less than 250 tons per year and it is not one of the 28 listed source categories.

The source was issued first minor permit modification no. 163-11792-00008 on February 25, 2000, for installing a basketball backboard gluing line. The emissions increase from this modification is 0.24 tons of VOC per year.

The source was issued second minor permit modification no. 163-11954-00008 on May 8, 2000, for installing new insignificant activities. The emissions increase from this modification is 0.03 tons of PM 10 per year.

Third minor modification no. 163-12480-00008 was issued on October 5, 2000, for installing an under coater, identified as T0156 and new insignificant activities. The emissions increase due to this modification is 8.7 tons of VOC per year.

Fourth minor permit modification no. 163-15792-00008 was issued on October 3, 2002, for installing Murrey pool table manufacturing operations. The emissions increase due to this modification is 11.76 tons per year of VOC and 2.51 tons per year of PM emissions.

After all the modifications at the source, the source has a potential to emit 146.85 tons per year of VOC and 2601.07 tons per year of PM and PM 10, before controls. The source is using baghouses / dust controllers to control particulate emissions from machining operations (EU 0329 + EU 0429) and the control efficiency is 99 %. The potential particulate emissions, after controls, from the source are 146.9 tons per year, which is less than 250 tons per year. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

The source did not have any new constructions or modifications after October 3, 2002.

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

Vanderburgh County has been designated as non-attainment for the 8-hour ozone standard on June 15, 2004. VOC and NO_x emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. The source wide potential to emit of VOC and NO_x is 146.85 and 16.7 tons per year respectively. The source did not have any new constructions or modification after June 15, 2004. Therefore, the requirements of non-attainment new source review do not apply; however, the source is classified as major for the purpose of non-attainment new source review.

326 IAC 2-6 (Emission Reporting)

Since this source is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, this source is subject to 326 IAC 2-6 (Emission Reporting). In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted triennially by July 1 beginning in 2006 and every 3 years after. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 5-1 (Opacity Limitations)

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

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

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

The operation of archery bow molding operation, identified as ABM will emit greater than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. However, 326 IAC 2-4.1 will not apply, because it is subject to the NESHAP, 40 CFR 63, Subpart WWWW and also the archery bow molding operation was built prior to applicability date of July 27, 1997.

The operations of table tennis production line, identified as unit # T1, archery spray booth, identified as ASB will emit greater than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. However, 326 IAC 2-4.1 will not apply, because the table tennis production line and archery spray booth were built prior to applicability date of July 27, 1997.

326 IAC 8-6 (Organic Solvent Emissions Limitation)

Pursuant to 326 IAC 8-6-2, sources commencing operation after October 7, 1974, and prior to January 1, 1980, located anywhere in the state, with potential emissions of 90.7 megagrams (100 tons) or greater per year of VOC, not limited by other rules in this article 8 rule shall not emit or cause the emission of more than 100 tons per year of VOC from any existing sources unless all VOC emitted from such source are reduced by at least 85% from emissions which would occur before the application of any control equipment or process.

The source commenced operation before October 7, 1974. Therefore, the requirements of 326 IAC 8-6 do not apply.

326 IAC 20-25 (Reinforced Plastics Composites Fabricating)

324 IAC 20-25-1 is applicable to the to sources that emit or have the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs, and that meet all of the following criteria:

- (1) Manufacture reinforced plastics composites parts, products, or watercraft.
- (2) Have an emission unit where resins and gel coats that contain styrene are applied and cured using the open molding process.
- (3) Have actual emissions of styrene equal to or greater than three (3) tons per year.

The archery fiberglass string roving bow molding operation, identified as Unit# ABM, is not subject to the requirements of 20-25-1 because the resins and gel coats that contain styrene are cured using closed molding process.

State Rule Applicability – Individual Facilities

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

Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), the table tennis surface coating booths identified as T0178, T0153, T0154, T0156 and T0362, and the pool table finishing spray booths M 0700 and M 0701 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. The surface coating booths T0178, T0362, M 0700 and M 0701 utilize HVLP application systems while T0153, T0154 and T0156 utilizes a roller coating application technique. Therefore, the source is in compliance with 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating).

326 IAC 8-1-6 (General Reduction Requirements)

Pursuant to 326 IAC 8-1-6 (General Reduction Requirements), facilities constructed after January 1, 1980 with potential VOC emissions equal to or greater than 25 tons per year, located anywhere in the state, which are not regulated by other provisions in 326 IAC Article 8, shall reduce VOC emissions using Best Available Control Technology (BACT).

- (a) The surface coating booths identified as AO311 and the archery bow molding operation (ABM) are not subject to this rule because each was constructed prior to 1980.
- (b) The surface coating booths T0178, T0153, T0154, T0156, T0362, M 0700 and M 0701 are not subject to this rule because they are regulated under 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating);

326 IAC 6-3-2 (Process Operations)

- (a) Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) from the surface coating booths identified as T0178, T0362, and AO311, the finishing spray booths, identified as M 0700 and M 0701 and the gluing/sanding booth, identified as M 0702 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:

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

326 IAC 6-3-2 (Particulate Emissions Limitations for manufacturing Process)

Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the following facilities shall not exceed the limits as stated when operating at the respective process weight rates:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)
one (1) pool mill shoda router	0.625	2.99
one (1) archery machining operation, and one (1) pool mill machining operation	11	20.44
Woodworking Operation	0.321	1.91

The pounds per hour limitations were calculated with the following equation:

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

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

Based on the calculations made (see Appendix A page 7 of 9), the one (1) pool mill shoda router; and one (1) archery machining operation, and one (1) pool mill machining operation are in compliance with this requirement.

Since the woodworking operations exhaust within the building, compliance with the limit, 1.91 pounds per hour is achieved by operating baghouse M0704 at all the times the woodworking operations are in operation.

40 CFR 52 Subpart P (Particulate Matter)

Pursuant to 40 CFR 52 Subpart P, the particulate matter emissions from the trimmers, grinding and machining operations, buffing, polishing, abrasive blasting, pneumatic conveying, woodworking operations and the basketball backboard powder coating lines shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

326 IAC 6-3-2(d) (Particulate)

Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating operations shall be controlled by a dry filters and the Permittee shall operate the control device in accordance with manufacturer's specifications. This requirement to operate the control is not federally enforceable.

326 IAC 8-3-2 (Cold Cleaner operation)

The degreasing operation (Insignificant Activity) was constructed after July 1, 1990 and is a cold cleaner degreaser without remote solvent reservoir. Therefore, the requirements of 326 IAC 8-3-2 will not apply, instead, the cold cleaner degreaser will be subject to the requirements of 326 IAC 8-3-5.

In one (1) five-stage washer (Insignificant Activity), only water, without the use of organic solvent, is used to clean the parts. Therefore, the requirements of 326 IAC 8-3-2 and 326 IAC 8-3-5 does not apply to one (1) five-stage washer.

326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control)

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:
- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.

- (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
- (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

326 IAC 4-2 (Incinerators)

Pursuant to Evansville EPA Operating Permit #R-008-002-001, issued on February 1, 1995, the one (1) B0632 BB area 0.51 mmBtu/hr twin chamber, twin burner bake off oven used to bake off cured paint residue from bake oven racks qualifies as an incinerator under 326 IAC 1-2-34. This bake-off oven does not exceed 200 pounds per hour of paint residue, therefore, pursuant to 326 IAC 4-2-1, this bake-off oven shall not emit PM in excess of 0.5 pounds per one thousand (1000) pounds of dry exhaust gas at standard conditions corrected to fifty percent (50%) excess air.

The PM emissions from twin burner bake off oven, identified as B0632, are negligible (see Appendix A, page 8 of 9). Therefore, the twin burner bake off oven B0632 complies with 326 IAC 4-2.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

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

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

- (a) The surface coating operations of table tennis production, identified as unit # T1, Archery Spray Booth production line identified as Unit# ASB, and Murrey pool table manufacturing have applicable compliance monitoring conditions as specified below:
 - (1) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (T0178, T0362, AO311, M 0700, M 0701 and M 0702) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

- (2) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
 - (3) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.
- (b) The significant machining operations, pool mill shoda router, archery machining and woodworking operation have applicable compliance monitoring conditions as specified below:
- (1) Visible Emissions Notations
 - (A) Daily visible emission notations of the dust controller 0429 stack exhaust and once per shift visible emission notations for dust controlled 0329 stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
 - (B) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
 - (C) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
 - (D) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
 - (E) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
 - (2) Parametric Monitoring
 - (A) The Permittee shall record the total static pressure drop across the each baghouse (0329), dust controller (0429), and pulse-jet baghouse (M0704) used in conjunction with the archery machining centers and pool area machining centers, pool mill shoda router and woodworking operation, at least once per shift when the woodworking and plastics machining processes are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse and dust controller is outside the normal range of 3.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Compliance Response Plan - Preparation, Implementation, Records, and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in

accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and Evansville Environmental Protection Agency, shall be calibrated at least once every six (6) months.

- (3) Broken or Failed Bag Detection
- (A) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit. If operations continue after bag failure is observed and it will be 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.
- (B) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

These monitoring conditions are necessary because the dry filters, dust controllers and baghouses must operate properly to ensure compliance with 326 IAC 6-3-2 (Process Operations), 326 IAC 2-7 (Part 70) and 40 CFR Part 64.

Conclusion

The operation of this stationary source relating to the operation of sporting and athletic goods production shall be subject to the conditions of this Part 70 permit T163-17594-00008.

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

**Addendum to the
Technical Support Document (TSD) for a Part 70 Operating Permit Renewal**

Source Background and Description

Source Name: Indian Industries, Inc., DBA Escalade Sports
Source Location: 817 Maxwell Ave. Evansville, IN 47711
County: Vanderburgh County
SIC Code: 3949
Operation Permit No.: T163-17594-00008
Permit Reviewer: RT / EVP

On August 29, 2004, the Office of Air Quality (OAQ) had a notice published in the Evansville Courier in Evansville, Indiana, stating that Indian Industries, Inc., DBA Escalade Sports had applied for Part 70 Operating Permit Renewal for the operation of sporting and athletic goods production source. The notice also stated that OAQ proposed to issue a Part 70 Operating Permit Renewal for this operation and provided information on how the public could review the permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Part 70 Operating Permit Renewal should be issued as proposed.

On September 22, 2004, OAQ received comments from Indian Industries, Inc., DBA Escalade Sports through their project engineer. All comments received are in relation to the proposed Part 70 Renewal.

The summary of the comments and related responses for the comments received from the Indian Industries, Inc., DBA Escalade Sports project engineer are presented. Any changes made to the permit as a result of the following comments are shown in bold and deleted permit language is shown with a line through it. Permit changes affecting the permit's Table of Contents are also revised without replication herein.

Comments Received from Indian Industries, Inc., DBA Escalade Sports:

PART 70 RENEWAL

Comment 1:

C.17 Emission Statement

July 1st Deadline is much better as this date closely matches other environmental reports requiring about the same information. Would prefer to report every year so IDEM and local EPA are both comfortable that Escalade is operating within all limits.

Response to Comment 1:

IDEM partially agrees with the Permittee. The date has been changed to July 1st in the final Part 70 renewal. The potential to emit annual emissions are less than the thresholds given in 326 IAC 2-6-3 (a) (1), therefore, pursuant to 326 IAC 2-6-3 (b) (3) starting in 2006 and every three (3) years thereafter the Permittee should submit emission statement. Therefore, the condition to report every year cannot be added to the condition C.17. However, the Permittee may voluntarily submit emission reports every year to IDEM and Evansville EPA.

Comment 2:

D.1.2 Volatile Organic Compounds

Please remove. In our existing permit, this was removed via Forth Minor Modification dated 10/3/2002 # 163-15792-00008.

Response to Comment 2:

IDEM agrees with the Permittee. Any modification to the source would fall under Condition B.20 (Source Modification Requirements) and 326 IAC 2-7-10.5. Therefore, this condition will be removed from the final Part 70 renewal.

Comment 3:

D.1.8 Monitoring

- (A) Please change the word "Daily" inspections to "Weekly" inspections. Please change the word "Weekly" Observations to "Monthly" Observations. This request was granted on our existing permit.
- (B) Please word D.1.8 (A)(B) exactly like our existing permit D.1.6 as in 4th Minor Permit Modification 163-15792-00008. We currently have daily monometer checks, proper training of supervisors and operators, and weekly spray booth inspections (filters), which insures our existing permit is adequate.

Response to Comment 3:

No violations for overspray have been observed in the past from the source. Therefore, IDEM agrees with the Permittee. The Condition D.1.8 has been changed as shown below.

D.1.87 Monitoring

- ~~(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (T0178, T0362, A0311, M 0700, M 0701 and M 0702) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.~~
- ~~(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.~~

- (a) **Weekly inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, daily manometer pressure checks shall be performed on the surface coating booths (T0178, T0362, AO311, M 0700, M 0701 and M 0702) while one or more of the booths are in operation. The pressure drop across each booth shall be maintained within the range specified within the Compliance Response Plan. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.**
- (b) **Monthly inspections shall be performed for the coating emissions from the stack and the presence of overspray on the nearby ground and annual inspections shall be performed for the presence of overspray on the rooftop. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step.**
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Comment 4:

D.1.9 Record Keeping Requirements

- (A) Please remove D.1.9 (a)(1)(2)(3) as it was removed from our existing permit by the first administrative amendment # 163-10894 dated 7/28/1999. Our reasoning is the same now as it was then. As we complete our MACT requirements, our VOC and HAP emissions will be reduced even more.
- (B) Please change the "Weekly" overspray to "Monthly" overspray. The same as our existing permit.

Response to Comment 4:

IDEM agrees with the Permittee. The Condition D.1.9 has been changed as shown below.

D.1.98 Record Keeping Requirements

-
- ~~(a) — To document compliance with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.2.~~
 - ~~(1) — The amount and VOC content of each coating used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;~~
 - ~~(2) — A log of the dates of use;~~
 - ~~(3) — The weight of VOCs emitted for each compliance period.~~

- ~~(b)~~ To document compliance with Condition D.1.87 the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (a) To document compliance with Conditions D.1.7, the Permittee shall maintain a log of weekly overspray observations, daily manometer pressure checks, monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.**
- ~~(e)(b)~~ All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Comment 5:

D.2.4 Visible Emissions Notations

Please word D.2.4 (A) in draft exactly like D.2.6 (A) in our existing permit.

Response to Comment 5:

IDEM agree with the Permittee. The Condition D.2.4 has been changed as shown below.

D.2.4 Visible Emissions Notations [40 CFR Part 64]

- (a) ~~Once per shift~~ **Daily** visible emission notations of the dust controller 0429 stack exhaust and once per shift visible emission notations for dust controlled 0329 stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

Comment 6:

D.2.5 Parametric Monitoring

Please word D.2.5 exactly like D.2.76 in our existing permit. This has to do with the type of the monometer we use and how it is calibrated. Special Note: (1) Bag House 0330 no longer exists. (2) Bag House M0704 exhausts inside our plant and does not vent to the outer atmosphere.

Response to Comment 6:

IDEM agrees with the Permittee. The Condition D.2.5 has been changed as shown below.

D.2.5 Parametric Monitoring [40 CFR Part 64]

~~The Permittee shall record the total static pressure drop across the each baghouse (O329), dust controller (O429), and pulse-jet baghouse (M0704) used in conjunction with the archery machining centers and pool area machining centers, pool mill shoda router and woodworking operation, at least once per shift when the woodworking and plastics machining processes are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse and dust controller is outside the normal range of 3.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.~~

~~The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and Evansville Environmental Protection Agency, shall be calibrated at least once every six (6) months.~~

The Permittee shall record the total static pressure drop across the each baghouse (O329 and O429) used in conjunction with the archery machining centers and pool area machining centers, basketball area powermatic CNC router, and pool mill shoda router, at least once weekly when the woodworking and plastics machining processes are in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across each baghouse shall be maintained within the range specified below or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

<u>Baghouse</u>	<u>Pressure Drop</u>
O329	0.8 - 5.0 inches of water
O330	1.0 - 5.0 inches of water
O429	0.8 - 2.0 inches of water

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAM, and the Evansville Environmental Protection Agency and shall be calibrated at least once every six (6) months.

Comment 7:

D.2.7 (B) (1) Please change "Once per shift" to "Weekly". This will match our existing permit.

Response to Comment 7:

IDEM agrees with the Permittee. The Condition D.2.7 has been changed as shown below.

D.2.7 Record Keeping Requirements

- (a) To document compliance with Condition D.2.4, the Permittee shall maintain records of daily visible emission notations of the baghouse/dust controller (O329, and O429) stack exhaust.
- (b) To document compliance with Condition D.2.5, the Permittee shall maintain the following:
 - (1) ~~Once per shift~~ **Weekly** records of the total static pressure drop during normal operation when venting to the atmosphere.
 - (2) Documentation of the dates vents are redirected.
- (c) To document compliance with Condition D.2.2, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

TECHNICAL SUPPORT DOCUMENT

Comment 8:

TSD Appendix A Page 1

Escalade requests clarification on where the 5 % flash-off emissions factor for styrene came from. Table 2.16- Emission factors for the CFA Emission Models does not list Styrene for the weight percent which we use (29%).

TSD Appendix A Page 2

Escalade requests that IDEM revisit the calculations for the Murrey Pool Table Manufacturing. Most of the line since the installation has been moved to Mexico. In finishing booth M0700 only the die stain Walnut/Wood is used. For finishing booth M0701 only one product can be sprayed at a time therefore, the worst case scenario is applicable which would be the Lovoc Lacquer Sand Sealer/Wood. These changes would reduce the potential VOC emissions from 11.76 tons /year to 2.62 tons /year.

TSD Appendix A Page 3

Escalade requests that IDEM revisit the calculations for the Table Tennis Paint Line. No lacquer thinner is used in the booth T0154 and booth T0396, instead a citrus cleaner is used.

TSD Appendix A Page 2

Escalade requests that IDEM revisit the calculations for the Table Tennis Paint Line booth T0150 uv fill-Lacquer thinner usage. We believe that usage to be as follows:

1 used 55 gallons/yr * 1 yr/ 74880 boards = 0.00073 gallons / unit Board

0.00073 gal/ board * 180 unit/hr* 7.10 lbs. Of VOC/gal*8760 hrs/year*1 ton/2000 lbs = 4.09 tons/year

This is instead of 27.99 tons / year in the TSD.

TSD Appendix A Page 5

Escalade requests that IDEM revisit the HAP calculations for the Table Tennis Paint Line. (See Above)

TSD Appendix A Page 6

Escalade requests IDEM revisit the HAP calculation for the Murrey Pool table. The adhesive used in booth M0702 contains Methylene Chloride.

Response to Comment 8:

IDEM agrees with the Permittee. The corrections mentioned above have been incorporated into the Appendix A of TSD.

IDEM also decided to make the following changes to the proposed permit.

Revision 1

Condition B.8 has been revised as shown below:

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 a 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).

Revision 2

The majority of Part 70/FESOP Permittees in EEPA jurisdiction have April 15 due date and also the current Part 70 permit for Indian Industries have April 15 due date. Therefore, Condition B.9 has been revised as shown below:

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 in letter form no later than **April 15** ~~July 4st~~ of each year to:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

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 and Evansville EPA, 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 and Evansville EPA, 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).

Revision 3

Condition B.19 has been revised as shown below:

B.19 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 emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

Evansville EPA
C.K. Newsome Building
100 E. Walnut Street
Suite 100
Evansville, Indiana 47713

and

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

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

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

Such records shall consist of all information required to be submitted to IDEM, OAQ and Evansville EPA 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 increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(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, Evansville EPA 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.**

Revision 4

Condition C.19 has been revised as shown below:

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

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

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, 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.**

Revision 5

The OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

After making the corrections to the Appendix A of TSD, the potential to emit table in TSD has been changed as shown below.

Process/emission unit	Potential to Emit (tons/year)						
	PM	PM-10	SO ₂	NO _x	VOC	CO	HAPs
Bow Molding	0	0	0	0	27.23	0	27.23
Murrey pool	115.34 1.1534	115.341 1.1534	0	0	11.76 3.08	0	2.47
Table Tennis	4.93	4.93	0	0	62.16 23.63	0	52.78 14.21
Archery Spray Booth	1.87	1.87	0	0	45.22	0	28.83
Machining	24.78	24.78	0	0	0	0	0
Natural Gas (Insignificant Act.)	0.01	1.27	0.1	16.7	0.92	14.04	Negligible
Total PTE	146.93 32.75	148.19 32.75	0.1	16.7	146.85 100.07	14.04	111.31 72.74

The Non-attainment New Source Review has been changed as shown below.

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

Vanderburgh County has been designated as non-attainment for the 8-hour ozone standard on June 15, 2004. VOC and NO_x emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. The source wide potential to emit of VOC and NO_x is ~~146.85~~ **100.07** and 16.7 tons per year respectively. The source did not have any new constructions or modification after June 15, 2004. Therefore, the requirements of non-attainment new source review do not apply; however, the source is classified as major for the purpose of non-attainment new source review.

Potential Emissions from Bow Molding Operations

Company Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

Material	Process	Density (lb/gal)	Weight % Styrene Monomer	Gallons per unit	Units per hour	Pound Styrene per hour	Pound Styrene per hour	Tons of Styrene per year	PM tons per year	Emission factor (Flash off)	Transfer Efficiency	Clean-up solvent (lb/part)	Weight % of Methanol in Solvent	Methanol Emissions from Solvent Usage (tons/yr)	Total VOC emissions Styrene and Methanol (tons/yr)	Total HAP Emissions
Fiberglass String Roving	Archery Bow Molding (ABM)	9.60	0.28	0.06	99.00	2.85	68.43	12.49	0.00	0.05	1.00	0.07	0.50	14.74	27.23	27.23

State Potential Emissions

12.49

14.74

27.23

27.23

For Fiberglass String Roving (Filament Winding)

Potential VOC Pounds per Hour = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Emission factor

Emission Factor from CFA Emission Models for the Reinforced Plastics Industries, Feb. 28, 1998

The Flash Off is calculated using the following equation (For Filament Winding):

% Styrene emissions = (0.002746 * % styrene) - 0.02980

Potential VOC Pounds per Day = Potential VOC Pounds per Hour * (24 hrs/day)

Potential VOC Tons per Year = Potential VOC Pounds per Hour *(8760 hrs/year)*(1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1 - Weight % Volatiles) * (1 - Transfer efficiency) * (8760 hr/yr) * (1 ton / 2000 lbs)

Total = Worst Coating + Sum of all solvents used

Since Styrene and Methanol are also HAPS. Therefore, HAPS emissions = VOC emissions

Appendix A: Emissions Calculations
Potential Emissions from Murrey Pool Table Manufacturing

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

Material / Product Coated	Booth I.D	Worst Case Senario	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Finishing Booth - M 0700																		
Die Stain Walnut /Wood	M 0700		6.77	97.10%	0.00%	97.10%	0.00%	1.60%	0.0900	0.25	6.57	6.57	0.15	3.55	0.65	0.00	410.85	75%
Opex Lacquer Thinner Wood	M 0700		6.59	100.00%	0.00%	100.00%	0.00%	0.00%	0.0630	0.25	6.59	6.59	0.10	2.49	0.45	N/A	N/A	
Finishing Booth - M 0701																		
Die Stain Walnut / Wood	M 0701		6.77	97.10%	0.00%	97.10%	0.00%	1.60%	0.0900	0.25	6.57	6.57	0.15	3.55	0.65	0.00	410.85	75%
Wiping Stain Walnut / Wood	M 0701		7.19	65.30%	0.00%	65.30%	0.00%	27.40%	0.0900	0.25	4.70	4.70	0.11	2.54	0.46	0.06	17.14	75%
Lovoc Lacquer Sand Sealer / Wood	M 0701	XXXX	7.30	75.50%	0.00%	75.50%	0.00%	17.30%	0.2890	0.25	5.51	5.51	0.40	9.56	1.74	0.14	31.86	75%
Lovoc Lacquer / Wood	M 0701		7.43	74.20%	0.00%	74.20%	0.00%	18.60%	0.2890	0.25	5.51	5.51	0.40	9.56	1.74	0.15	29.64	75%
WW Conversion Varnish /Wood	M 0701		7.91	56.90%	0.00%	56.90%	0.00%	34.40%	0.1400	0.25	4.50	4.50	0.16	3.78	0.69	0.13	13.08	75%
Catalyst / Wood	M 0701		8.01	63.80%	4.50%	59.30%	2.20%	25.20%	0.0040	0.25	4.86	4.75	0.00	0.11	0.02	0.01	N/A	
Opex Lacquer Thinner Wood	M 0701		6.59	100.00%	0.00%	100.00%	0.00%	0.00%	0.0630	0.25	6.59	6.59	0.10	2.49	0.45	N/A	N/A	
Glue Sand Booth - M 702																		
3M fastbond 100 adhesive / Cloth, slate	M 0702		9.20	61.20%	55.00%	6.20%	60.50%	38.00%	0.0700	1.33	1.44	0.57	0.05	1.27	0.23	0.36	1.50	75%

State Potential Emissions

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)

Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

1.62 38.90 3.08 0.51

Appendix A: Emissions Calculations

Potential Emissions from Unit T-1 Table Tennis Paint Line

Company Name: Indian Industries, Inc., dba Escalade Sports
 Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
 Title V T163-17594-00008
 Reviewer: RT/ EVP
 Date: May 19, 2004

Material / Product Coated	Booth I.D	Worst Case Senario	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
9490-W / Wood	T0178		9.14	60.89%	52.03%	8.86%	54.58%	32.28%	0.0050	180.00	1.78	0.81	0.73	17.49	3.19	3.52	2.51	75%
9490-R / Wood	T0150-UV fill		11.13	0.00%	0.00%	0.00%	0.00%	100.00%	0.0150	180.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100%
Lacquer thinner	T0150-UV fill		7.10	100.00%	0.00%	100.00%	0.00%	0.00%	0.0007	180.00	7.10	7.10	0.93	22.39	4.09	N/A	N/A	N/A
9490-W / Wood	T0153		9.14	60.89%	52.03%	8.86%	54.58%	32.28%	0.0050	180.00	1.78	0.81	0.73	17.49	3.19	0.00	2.51	100%
9490-W / Wood	T0154		9.14	60.89%	52.03%	8.86%	54.58%	32.28%	0.0050	180.00	1.78	0.81	0.73	17.49	3.19	0.00	2.51	100%
Citrus Cleaner	T0154		7.51	0.00%	0.00%	0.00%	0.00%	0.00%	0.0010	180.00	0.00	0.00	0.00	0.00	0.00	N/A	N/A	N/A
9490-W / Wood	T0362		9.14	60.89%	52.03%	8.86%	54.58%	32.28%	0.0050	72.00	1.78	0.81	0.29	7.00	1.28	1.41	2.51	75%
80 series U.V Curable ink / Wood	T0396		13.50	0.01%	0.00%	0.01%	0.00%	100.00%	0.0004	140.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100%
Citrus Cleaner	T0396		7.10	0.00%	0.00%	0.00%	0.00%	0.00%	0.0020	140.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	100%
Booth T0156 **																		
9460-W	T0156	XXXX	9.17	58.21%	45.10%	13.11%	50.60%	41.79%	0.0120	137.50	2.43	1.20	1.98	47.61	8.69	0.00	2.88	100%
9537-W	T0156		9.22	58.27%	46.90%	11.37%	46.90%	52.22%	0.0120	137.50	1.97	1.05	1.73	41.51	7.58	0.00	2.01	100%
State Potential Emissions													5.39	129.47	23.63	4.93		

METHODOLOGY

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

** Worst Case Senario is applicable only in the case of Booth T 0156 as the source uses two different materials at this booth. Application of these materials is mutually exclusive. In all other Booths, they use only one material.

Potential Emissions from Archery Spray Booth

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

Material / product Coated	Booth I.D	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
P257 Red Lacquer/ Plastic	AO311	7.5	84.10%	0.0%	84.1%	0.0%	12.00%	0.01000	135.000	6.31	6.31	8.52	204.36	37.30	1.76	52.56	75%
Thinner and Cleanup solvent	AO311	6.7	100.00%	0.0%	100.0%	0.0%	0.00%	0.00200	135.000	6.70	6.70	1.81	43.42	7.92	N/A	N/A	N/A

State Potential Emissions

10.32 247.78 45.22 1.76

ETHODOLOGY

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

Potential HAP Emissions from Table Tennis, Archery

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/EVP
Date: May 19, 2004

Material	Booth I.D	Worst Case Scenario	Density	Gallons of Material	Maximum	Weight %	Weight %	Weight %	Weight %	Weight %	Xylene Emissions	Toluene Emissions	Dibutyl Pthalate Emissions	MEK	Glycol Ethers Emissions	Total HAP Emissions
			(Lb/Gal)	(gal/unit)	(unit/hour)	Xylene	Toluene	Dibutyl Pthalate	MEK	Glycol Ethers	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)
Unit T-1																
9490-W / Wood	T0178		9.14	0.01	180.00	0.00%	0.00%	0.77%	0.00%	5.00%	0.00	0.00	0.28	0.00	1.80	2.08
9490-R / Wood	T0150-UV fill		11.12	0.02	180.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Lacquer thinner	T0150-UV fill		7.10	0.00	180.00	10.00%	64.00%	0.00%	16.00%	0.00%	0.04	0.26	0.00	0.07	0.00	0.37
9490-W / Wood	T0153		9.14	0.01	180.00	0.00%	0.00%	0.77%	0.00%	5.00%	0.00	0.00	0.28	0.00	1.80	2.08
9490-W / Wood	T0154		9.14	0.01	180.00	0.00%	0.00%	0.77%	0.00%	5.00%	0.00	0.00	0.28	0.00	1.80	2.08
Citrus Cleaner	T0154		7.51	0.00	180.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
9490-W / Wood 80 series U.V	T0362		9.14	0.01	72.00	0.00%	0.00%	0.77%	0.00%	5.00%	0.00	0.00	0.11	0.00	0.72	0.83
Curable ink / Wood	T0396		13.50	0.00	140.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Citrus Cleaner	T0396		7.10	0.00	140.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Unit T-1 / Booth T 0156 **																
9460-Wood	T0156	XXXX	9.17	0.01	137.50	0.00%	0.00%	0.00%	0.00%	10.22%	0.00	0.00	0.00	0.00	6.77	6.77
9537-Wood	T0156		9.22	0.01	137.50	0.00%	0.00%	0.00%	0.00%	9.72%	0.00	0.00	0.00	0.00	6.48	6.48
Unit ASB																
P257 Red Lacquer/ Plastic	AO311		7.5	0.01000	135.000	10.00%	40.00%	0.00%	15.00%	0.00%	4.43	17.74	0.00	6.65	0.00	28.83

Total State Potential Emissions**4.48 18.00 0.94 6.72 12.90 43.03****METHODOLOGY**

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

** Worst Case Scenario is applicable only in the case of Booth T 0156 as the source uses two different materials at this booth. Application of these materials is mutually exclusive. In all other Booths, they use only one material.

Appendix A: Emission Calculations
Potential HAP Emissions from Myrrey Pool Table Manufacturing

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

Material	Booth I.D	Worst Case Scenario	Density	Gallons of Material	Maximum	Weight %	Weight %	Weight %	Weight %	Weight %	Xylene Emissions	Toluene Emissions	Dibutyl Pthalate Emissions	MEK	Glycol Ethers Emissions	Total HAP Emissions
			(Lb/Gal)	(gal/unit)	(unit/hour)	Xylene	Toluene	Ethyl Benzene	MIBK	Methanol	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)
Finishing Booth - M 0700																
Die Stain Walnut /Wood	M 0700		6.77	0.0900	0.25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Wiping Stain Walnut / Wood	M 0700		7.19	0.0900	0.25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Lovoc Lacquer Sand Sealer / Wood	M 0700		7.30	0.2890	0.25	5.80%	0.00%	1.00%	3.60%	3.60%	0.13	0.00	0.02	0.08	0.08	0.32
Lovoc Lacquer / Wood	M 0700		7.43	0.2890	0.25	3.00%	0.00%	0.50%	0.00%	3.00%	0.07	0.00	0.01	0.00	0.07	0.15
WW Conversion Varnish /Wood	M 0700		7.91	0.1400	0.25	40.60%	5.50%	7.20%	0.00%	0.00%	0.49	0.07	0.09	0.00	0.00	0.65
Catalyst / Wood	M 0700		8.01	0.0040	0.25	0.00%	0.00%	0.00%	3.50%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Opex Lacquer Thinner Wood	M 0700		6.59	0.0630	0.25	5.20%	14.90%	0.90%	0.00%	3.20%	0.02	0.07	0.00	0.00	0.01	0.11
Finishing Booth - M 0701																
Die Stain Walnut / Wood	M 0701		6.77	0.0900	0.25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Wiping Stain Walnut / Wood	M 0701		7.19	0.0900	0.25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Lovoc Lacquer Sand Sealer / Wood	M 0701		7.30	0.2890	0.25	5.80%	0.00%	1.00%	3.60%	3.60%	0.13	0.00	0.02	0.08	0.08	0.32
Lovoc Lacquer / Wood	M 0701		7.43	0.2890	0.25	3.00%	0.00%	0.50%	0.00%	3.00%	0.07	0.00	0.01	0.00	0.07	0.15
WW Conversion Varnish /Wood	M 0701		7.91	0.1400	0.25	40.60%	5.50%	7.20%	0.00%	0.00%	0.49	0.07	0.09	0.00	0.00	0.65
Catalyst / Wood	M 0701		8.01	0.0040	0.25	0.00%	0.00%	0.00%	3.50%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Opex Lacquer Thinner Wood	M 0701		6.59	0.0630	0.25	5.20%	14.90%	0.90%	0.00%	3.20%	0.02	0.07	0.00	0.00	0.01	0.11
Glue Sand Booth - M 702																
3M fastbond 100 adhesive / Cloth, slate	M 0702		9.20	0.0700	1.33	0.00%	0.00%	0.00%	0.00%	9.72%	0.00	0.00	0.00	0.00	0.00	0.00
Total State Potential Emissions											1.44	0.27	0.25	0.17	0.34	2.47

METHODOLOGY

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

Potential Emissions from Significant Machining Operations and Murrey Pool Area

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

State Potential Uncontrolled Emissions (tons/year)

A. Baghouses

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft ²)	Total Filter Area (ft ²)	Control Efficiency	Total (ton/yr)	Total (lb/hr)
EU-0429-Pool Mill Shoda Router	1	0.00800	7.5	600	99.00%	135.15	30.86
EU-0329- Archery /Pool Baghouse	1	0.025	3.94	6338	99.00%	2343.77	535.11
Murrey pool table / Woodworking (M 0704)	1	0.00253	7.5	1600	99.00%	113.98	26.02

State Potential Uncontrolled Emissions

2592.91

State Potential Controlled Emissions (tons/year)

A. Baghouses

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft ²)	Total Filter Area (ft ²)	Control Efficiency	Total (ton/yr)	Total (lb/hr)
EU-0429-Pool Mill Shoda Router	1	0.00800	7.5	600	99.00%	1.35	0.31
EU-0329- Archery /Pool Baghouse	1	0.025	3.94	6338	99.00%	23.44	5.35
Murrey pool table / Woodworking (M 0704)	1	0.00253	7.5	1600	99.00%	1.14	0.26

State Potential Controlled Emissions

25.93

Methodology:

State Potential (uncontrolled):

Baghouse (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)

Compliance Calculations

Process	No of Units	Process weight rate (lb/hr)	Process weight rate (ton/yr)	326 IAC 6-3-2 limit (lb/hr)	Compliance Status
EU-0429-Pool Mill Shoda Router	1.00	1250	0.625	2.99	complies
EU-0329- Archery /Pool Baghouse	1.00	22000	11	20.44	complies

Appendix A: Emissions Calculations

Potential Emissions from Natural Gas Combustion (Insignificant Activities)

MM BTU/HR <10

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

NATURAL GAS COMBUSTION EMISSIONS

SOURCE	Number of Furnaces	mmbtu/hr Rating	Annual Hrs Operation	Annual Nat. Gas (mmcf)	POTENTIAL TO EMIT				SO2		NOX		CO		VOC	
					PM 10		PM		(lb/hr)	(Ton/Yr)	(lb/hr)	(Ton/Yr)	(lb/hr)	(Ton/Yr)	(lb/hr)	(Ton/Yr)
					(lb/hr)	(Ton/Yr)	(lb/hr)	(Ton/Yr)								
T-1 table tennis oven	1	1.20	8760.0	10.5	0.01	0.04	0.00	0.01	0.00	0.00	0.12	0.53	0.10	0.44	0.01	0.03
BB burn-off B0195	1	0.50	8760.0	4.4	0.00	0.02	0.00	0.00	0.00	0.00	0.05	0.22	0.04	0.18	0.00	0.01
BB burn-off B0632	1	0.51	8760.0	4.5	0.00	0.02	0.00	0.00	0.00	0.00	0.05	0.22	0.04	0.19	0.00	0.01
Pool Space heaters	4	5.50	8760.0	192.7	0.17	0.73	0.04	0.00	0.01	0.06	2.20	9.64	1.85	8.09	0.12	0.53
Pool Space heater	1	4.20	8760.0	36.8	0.03	0.14	0.01	0.00	0.00	0.01	0.42	1.84	0.35	1.55	0.02	0.10
# 46 powder coat line	1	2.00	8760.0	17.5	0.02	0.07	0.00	0.00	0.00	0.01	0.20	0.88	0.17	0.74	0.01	0.05
BB area washer burner	1	3.44	8760.0	30.1	0.03	0.11	0.01	0.00	0.00	0.01	0.34	1.51	0.29	1.27	0.02	0.08
BB dry-off + curing oven	1	4.00	8760.0	35.0	0.03	0.13	0.01	0.00	0.00	0.01	0.40	1.75	0.34	1.47	0.02	0.10
M 0703 drying tunnel	1	0.30	8760.0	2.6	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.13	0.03	0.11	0.00	0.01
			8760.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			8760.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COMBUSTION TOTALS, TONS/YR.						1.27		0.01		0.10		16.71		14.04		0.92

NOTE: Assume that the heating value of natural gas is 1000 Btu / Cubic Foot.

SAMPLE CALCULATION		MMCF	X	LB	X	TONS	=	TONS
		YR		MMCF		LB		YR

Natural Gas Emission Factors Rated Capacity, MMBtu/hr

UNITS	Lb/ MMCF		
	0 - 0.3	0.3-100	> 100
PM*	1.9	1.9	1.9
PM 10	7.6	7.6	7.6
SO2	0.6	0.6	0.6
NOx**	94	100	190
CO	40	84	84
VOC	5.5	5.5	5.5
SOURCE	AP-42, Chapter 1.4		

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

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

Appendix A: Emissions Calculations

Potential Emissions from Entire source

Company Name: Indian Industries, Inc., dba Escalade Sports
Address City IN Zip: 817 Maxwell Ave. Evansville, IN 47711
Title V T163-17594-00008
Reviewer: RT/ EVP
Date: May 19, 2004

Uncontrolled Potential Emissions

Emission Unit	PM (tons / yr)	PM-10 (tons / yr)	SO2 (tons / yr)	NOx (tons / yr)	VOC (tons / yr)	CO (tons / yr)	Single HAP	HAPS (tons / yr)
Archery Bow Molding (ABM)	0	0	0	0	27.23	0	12.49 (Styrene) 14.74 (Methanol)	27.23
Murrey Pool	115.34	115.34	0	0	3.08	0		2.47
Table Tennis (Unit # T1)	4.93	4.93	0	0	23.63	0	12.9 (Glycol Ethers)	14.21
Archery Spray Booth (ASB)	1.87	1.87	0	0	45.22	0	17.74 (Toluene) 6.65 (MEK)	28.83
Machining (EU 0329+ Eu 0429)	2478.92	2478.92	0	0	0	0	0	0
Natural Gas	0.01	1.27	0.1	16.7	0.92	14.04	negligible	negligible
Total	2601.07	2602.33	0.1	16.7	100.0773	14.04		72.74

Controlled Potential Emissions

Emission Unit	PM (tons / yr)	PM-10 (tons / yr)	SO2 (tons / yr)	NOx (tons / yr)	VOC (tons / yr)	CO (tons / yr)	Single HAP	HAPS (tons / yr)	Control Efficiency
Archery Bow Molding (ABM)	0	0	0	0	27.23	0	12.49 (Styrene) 14.74 (Methanol)	27.23	0.00%
Murrey Pool	1.1534	1.1534	0	0	3.08	0		2.47	0.00%
Table Tennis (Unit # T1)	4.93	4.93	0	0	23.63	0	12.9 (Glycol Ethers)	14.21	0.00%
Archery Spray Booth (ASB)	1.87	1.87	0	0	45.22	0	17.74 (Toluene) 6.65 (MEK)	28.83	0.00%
Machining (EU 0329+ Eu 0429)	24.7892	24.7892	0	0	0	0	0	0	99.00%
Natural Gas	0.01	1.27	0.1	16.7	0.92	14.04	negligible	negligible	0.00%
Total	32.7526	34.0126	0.1	16.7	100.0773	14.04		72.74	