



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: October 21, 2008

RE: Syndicate Sales, Inc. / 067-26473-00053

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

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot12/03/07



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Federally Enforceable State Operating Permit Renewal OFFICE OF AIR QUALITY

**Syndicate Sales, Inc.
945 South Lindsay Street
Kokomo, Indiana 46903**

(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. 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 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F067-26473-00053	
Issued by/Original Signed By:	Issuance Date: October 21, 2008
Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Expiration Date: October 21, 2018

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

The Permittee owns and operates a stationary foam production, forming and packaging operation.

Source Address:	945 South Lindsay Street, Kokomo, Indiana 46903
Mailing Address:	P.O. Box 756, Kokomo, Indiana 46903
General Source Phone Number:	(765) 457-7277
SIC Code:	3086
County Location:	Howard
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

- (a) One (1) Foam Production Line, constructed in November 1993, using a maximum of 354 pounds per hour of blowing agent, consisting of:
 - (1) one (1) mixer/dispenser;
 - (2) one (1) conveyORIZED foam curing oven and one (1) normalizing tunnel, both controlled by one (1) recuperative thermal incinerator, and both exhausting through one (1) stack (ID No. Vent 1);
 - (3) one (1) bun saw, controlled by one (1) bag filter (ID No. DC-1), exhausting within the building;
 - (4) one (1) foam bun storage warehouse.
- (b) One (1) Form & Package Line, constructed in November 1993, consisting of:
 - (1) one (1) horizontal slab saw, controlled by one (1) bag filter (ID No. DC-2), exhausting within the building;
 - (2) one (1) edge trim saw, controlled by one (1) bag filter (ID No. DC-3), exhausting within the building;
 - (3) one (1) logo press;
 - (4) one (1) waterjet cutter; and
 - (5) one (1) automatic packager.

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

This stationary source also includes the following insignificant activities:

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour including:
 - (1) thirty two (32) natural gas fired burners, each rated at 0.135 million (MM) British thermal units (Btu) per hour;
- (b) One (1) phenolic resin bulk tank, with a maximum storage capacity of 10,000 gallons;
- (c) one (1) phenol sulfonic acid bulk tank, with a maximum storage capacity of 6,000 gallons;
- (d) two (2) blowing agent bulk tanks, each with a maximum storage capacity of 3,000 gallons;
- (e) one (1) blowing agent batch tank, with a maximum storage capacity of 1,016 gallons;
- (f) combustion source flame safety purging on startup;
- (g) VOC and HAP storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons;
- (h) vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;
- (i) application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;
- (j) closed loop heating and cooling systems;
- (k) water based adhesives that are less than or equal to 5% by volume of VOCs, excluding HAPs;
- (l) replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;
- (m) heat exchanger cleaning and repair;
- (n) process vessel degassing and cleaning to prepare for internal repairs;
- (o) 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;
- (p) paved and unpaved roads and parking lots with public access;
- (q) asbestos abatement projects regulated by 326 IAC 14-10;
- (r) equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment;

- (s) blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower; and
- (t) a laboratory as defined in 326 IAC 2-7-2(20)(C).

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

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

SECTION B GENERAL CONDITIONS

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

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, 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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, F067-26473-00053, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

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

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

B.5 Severability [326 IAC 2-8-4(4)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

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

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

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

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

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

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

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

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

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

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

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

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
 - (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

- (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
- (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

- (a) All terms and conditions of permits established prior to F067-26473-00053 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

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

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

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

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

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

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)

77 West Jackson Boulevard
Chicago, Illinois 60604-3590

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

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

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

- (b) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) 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 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a FESOP 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, at reasonable times, 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, at reasonable times, 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, at reasonable times, 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 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) 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 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) The potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

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

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

C.3 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A,

Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue

MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

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

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

C.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 2-8-4][326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

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

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

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

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

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

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

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

C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

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

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

C.13 Risk Management Plan [326 IAC 2-8-4] [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.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

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

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

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

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

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

C.17 General Reporting Requirements [326 IAC 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or

before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

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

- (a) One (1) Foam Production Line, constructed in November 1993, using a maximum of 354 pounds per hour of blowing agent, consisting of:
 - (1) one (1) mixer/dispenser;
 - (2) one (1) conveyORIZED foam curing oven and one (1) normalizing tunnel, both controlled by one (1) recuperative thermal incinerator, and both exhausting through one (1) stack (ID No. Vent 1);
 - (3) one (1) bun saw, controlled by one (1) bag filter (ID No. DC-1), exhausting within the building;
 - (4) one (1) foam bun storage warehouse.

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

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

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-1-6] [326 IAC 2-8]

Pursuant to 326 IAC 8-1-6 (New Facilities, General Reduction Requirements), the Permittee shall comply with the BACT for the Foam Production Line:

- (a) the total blowing agent VOC usage in the Foam Production Line shall not exceed 149.21 tons per 12 consecutive month period, with compliance determined at the end of each month.

This is equivalent to limited VOC emissions of 96.90 tons per year based on 59% of the emissions being emitted uncontrolled from the warehouse and 41% of the emissions being emitted from the oven/normalizing tunnel which is controlled by the recuperative thermal incinerator with a minimum 90% capture efficiency and a minimum 95% destruction efficiency;

- (b) continuing use of the existing recuperative thermal incinerator on the oven/normalizing tunnel at all times that the oven/normalizing tunnel is in operation; except when operating under the exemption provision of 326 IAC 8-1-2(a).

When operating, the recuperative thermal incinerator controlling the oven and normalizing tunnel shall maintain a minimum operating temperature of 1,400°F, or the minimum temperature established during the latest compliant stack tests must be maintained to ensure a 95% destruction of the volatile organic compound (VOC) captured.

- (c) no add-on controls for the warehouse.

Compliance with these limitations will also satisfy the requirements of 326 IAC 2-8 and will render 326 IAC 2-7 (Part 70) and 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.1.2 VOC Compliance Methods [326 IAC 8-1-2(a)]

Pursuant to 326 IAC 8-1-2(a)(2), the recuperative thermal incinerator is not required to be operated while the oven/normalizing tunnel is in operation during the months of November through March. This exemption shall apply provided the source continues to operate without using HAPs and the control is not needed to address odor problems. During the months from April through October, the recuperative thermal incinerator shall be in operation at all times when the oven/normalizing tunnel is in operation.

D.1.3 Particulate [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a), the bun saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).

D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.1.5 Testing Requirements [326 IAC 2-7-6(1)][326 IAC 2-1.1-11]

In order to verify compliance with Condition D.1.1, the Permittee shall test the recuperative thermal incinerator to verify its VOC control efficiency at least once every five years from the date of the most recent valid compliance demonstration. This test shall be repeated during high ozone season and shall be conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements

D.1.6 Volatile Organic Compounds (VOC) [326 IAC 8-1-2][326 IAC 8-1-4]

- (a) Compliance with the VOC usage limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the blowing agent manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.
- (b) During the months of November through March, when the recuperative thermal incinerator is not in operation, 100 percent of the blowing agent usage shall be used to determine compliance with the 12 consecutive month VOC limit, in Condition D.1.1.
- (c) During the months of April through October, when the recuperative thermal incinerator is in operation, 41% of the blowing agent usage controlled by the recuperative thermal incinerator shall be used to determine compliance with the 12 consecutive month VOC limit.

D.1.7 Recuperative Thermal Incinerator Temperature and Operation

- (a) A continuous monitoring system shall be calibrated, maintained, and operated on the recuperative thermal incinerator for measuring the operating temperature. For the purposes of this condition, continuous means no less than once per minute. The output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate steps in accordance with Section C. Response to Excursion or Exceedances whenever the three (3) hour average temperature is below 1400 °F. A three (3) hour average temperature that is below 1415°F is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

- (b) The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with limits in Condition D.1.1, as approved by IDEM.
- (c) The Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the 3-hour average temperature is below the three (3) hour average temperature as observed during the compliant performance test. A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant performance test is not a deviation of this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.
- (d) A time clock shall be installed, maintained and operated on the recuperative thermal oxidizer to indicate that (during the months from April through October), the recuperative thermal oxidizer is in operation at all times that the foam curing oven and normalizing tunnel are operating.

D.1.8 Parametric Monitoring

- (a) The Permittee shall determine the appropriate duct pressure or fan amperage for the Recuperative Thermal Incinerator from the most recent valid stack test that demonstrates compliance with limits in Condition D.1.1, as approved by IDEM.
- (b) The duct pressure or fan amperage shall be observed at least once per day when the recuperative thermal incinerator is in operation. On and after the date the approved stack test results are available, the duct pressure or fan amperage shall be maintained within the normal range as established in most recent compliant stack test.

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

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and the VOC emission limits established in Condition D.1.1. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
 - (1) The amount and VOC content of the blowing agent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used on a monthly basis;
 - (2) The total VOC usage for each month;
 - (3) The weight of VOCs emitted for each compliance period;
 - (4) The continuous temperature records (on a three (3) hour average basis) for the recuperative thermal incinerator and the three (3) hour average temperature used to demonstrate compliance during the most recent compliant stack test;
 - (5) Records of the recuperative thermal incinerator operating time, during the months when the recuperative thermal incinerator is in operation; and
 - (6) Daily records of the duct pressure or fan amperage, during the months when the recuperative thermal incinerator is in operation.

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

D.1.10 Reporting Requirements

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

SECTION D.2 FACILITY OPERATION CONDITIONS

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

- (b) One (1) Form & Package Line, constructed in November 1993, consisting of:
- (1) one (1) horizontal slab saw, controlled by one (1) bag filter (ID No. DC-2), exhausting within the building;
 - (2) one (1) edge trim saw, controlled by one (1) bag filter (ID No. DC-3), exhausting within the building;
 - (3) one (1) logo press;
 - (4) one (1) waterjet cutter; and
 - (5) one (1) automatic packager.

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

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

D.2.1 Particulate [326 IAC 6.5-1-2]

- (a) Pursuant to 326 IAC 6.5-1-2(a), the horizontal slab saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).
- (b) Pursuant to 326 IAC 6.5-1-2(a), the edge trim saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).

D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.2.3 Particulate Control

In order to comply with condition D.2.1, each of the bag filters for particulate control shall be in operation and control emissions from the horizontal slab saw and the edge trim saw at all times that the horizontal slab saw and the edge trim saw are in operation.

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

D.2.4 Broken or Failed Bag Detection

For a single compartment bag filter controlling emissions from a process operated continuously, the failed unit and the associated process shall be shut down immediately until the failed unit has 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).

Bag failure can be indicated by abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

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

D.2.5 Record Keeping Requirements

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

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Syndicate Sales, Inc.
Source Address: 945 South Lindsay Street, Kokomo, Indiana 46903
Mailing Address: P.O. Box 756, Kokomo, Indiana 46903
FESOP Permit No.: F067-26473-00053

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:

Date:

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Syndicate Sales, Inc.
Source Address: 945 South Lindsay Street, Kokomo, Indiana 46903
Mailing Address: P.O. Box 756, Kokomo, Indiana 46903
FESOP Permit No.: F067-26473-00053

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

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

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

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

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
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**

FESOP Quarterly Report

Source Name: Syndicate Sales, Inc.
Source Address: 945 South Lindsay Street, Kokomo, Indiana 46903
Mailing Address: P.O. Box 756, Kokomo, Indiana 46903
FESOP Permit No.: F067-26473-00053
Facility: Foam Production Line
Parameter: VOC Usage
Limit: Total VOC usage in the Foam Production Line shall not exceed 152.3 tons per 12 consecutive month period, with compliance determined at the end of each month. This is equivalent to limited VOC emissions of 98.9 tons per year based on 59% of the emissions being emitted uncontrolled from the warehouse and 41% of the emissions being emitted from the oven/normalizing tunnel which is controlled by the recuperative thermal incinerator with a minimum 90% capture efficiency and a minimum 95% destruction efficiency;

YEAR: _____

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

- No deviation occurred in this quarter.
- Deviation/s occurred in this quarter.
Deviation has been reported on: _____

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Syndicate Sales, Inc.
Source Address: 945 South Lindsay Street, Kokomo, Indiana 46903
Mailing Address: P.O. Box 756, Kokomo, Indiana 46903
FESOP Permit No.: F067-26473-00053

Months: _____ **to** _____ **Year:** _____

Page 1 of 2

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Technical Support Document (TSD) for a
Federally Enforceable State Operating Permit Renewal

Source Description and Location

Source Name:	Syndicate Sales, Inc.
Source Location:	945 South Lindsay Street, Kokomo, Indiana, 46903
County:	Howard
SIC Code:	3086
Permit Renewal No.:	067-26473-00053
Permit Reviewer:	Jason R. Krawczyk

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Syndicate Sales, Inc. relating to the operation of a stationary foam production, forming and packaging operation.

Background and Description of Permitted Emission Units and New Source Construction

On April 30, 2008, Syndicate Sales, Inc. submitted an application to the OAQ requesting to renew its operating permit. Syndicate Sales, Inc. was issued FESOP 067-7701-00053 on January 29, 2004.

The source consists of the following permitted emission unit(s) and pollution control device(s):

- (a) One (1) Foam Production Line, constructed in November 1993, using a maximum of 354 pounds per hour of blowing agent, consisting of:
 - (1) one (1) mixer/dispenser;
 - (2) one (1) conveyORIZED foam curing oven and one (1) normalizing tunnel, both controlled by one (1) recuperative thermal incinerator, and both exhausting through one (1) stack (ID No. Vent 1);
 - (3) one (1) bun saw, controlled by one (1) bag filter (ID No. DC-1), exhausting within the building;
 - (4) one (1) foam bun storage warehouse.

- (b) One (1) Form & Package Line, constructed in November 1993, consisting of:
 - (1) one (1) horizontal slab saw, controlled by one (1) bag filter (ID No. DC-2), exhausting within the building;
 - (2) one (1) edge trim saw, controlled by one (1) bag filter (ID No. DC-3), exhausting within the building;
 - (3) one (1) logo press;
 - (4) one (1) waterjet cutter; and
 - (5) one (1) automatic packager.

Insignificant activities consisting of the following:

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour including:
 - (1) thirty two (32) natural gas fired burners, each rated at 0.135 million (MM) British thermal units (Btu) per hour;
- (b) One (1) phenolic resin bulk tank, with a maximum storage capacity of 10,000 gallons;
- (c) one (1) phenol sulfonic acid bulk tank, with a maximum storage capacity of 6,000 gallons;
- (d) two (2) blowing agent bulk tanks, each with a maximum storage capacity of 3,000 gallons;
- (e) one (1) blowing agent batch tank, with a maximum storage capacity of 1,016 gallons;
- (f) combustion source flame safety purging on startup;
- (g) VOC and HAP storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons;
- (h) vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;
- (i) application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;
- (j) closed loop heating and cooling systems;
- (k) water based adhesives that are less than or equal to 5% by volume of VOCs, excluding HAPs;
- (l) replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;
- (m) heat exchanger cleaning and repair;
- (n) process vessel degassing and cleaning to prepare for internal repairs;
- (o) 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;
- (p) paved and unpaved roads and parking lots with public access;
- (q) asbestos abatement projects regulated by 326 IAC 14-10;
- (r) equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment;
- (s) blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower; and

- (t) a laboratory as defined in 326 IAC 2-7-2(20)(C).

Unpermitted Emission Units and Pollution Control Equipment

- (a) There have been no unpermitted emission units constructed and/or operated without a permit at the source since the last approval.

Emission Units and Pollution Control Equipment Removed From the Source

- (a) There have been no emission units or pollution control equipment removed from the source since the last approval.

Existing Approvals

Since the issuance of the FESOP (067-7710-00053) on January 29, 2004, the source has constructed or has been operating under the following approvals as well:

- (a) First Significant Permit Revision No.: 067-19332-00053, issued on November 12, 2004.
- (b) Second Significant Permit Revision No.: 067-21774-00053, issued on December 18, 2006.

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 determined no longer applicable; therefore, were not incorporated into this FESOP Renewal:

- (a) All construction conditions from all previously issued permits.

Reason not incorporated: All facilities previously permitted have already been constructed; therefore, the construction conditions are no longer necessary as part of the operating permit. Any facilities that were previously permitted but have not yet been constructed would need new pre-construction approval before beginning construction.

Enforcement Issues

- (a) There are no enforcement actions pending.

Emission Calculations

- (a) See Appendix A of this document for detailed emission calculations.

County Attainment Status

The source is located in Howard County

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

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Howard County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Howard County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD), for PM2.5 emissions, and the effective date of these rules was July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

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

(d) Fugitive Emissions

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Unrestricted Potential Emissions

The following table reflects the unlimited potential to emit (PTE) of the entire source before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	tons/year
PM	Less than 100
PM ₁₀	Less than 100
SO ₂	Less than 100
VOC	Greater than 100
CO	Less than 100
NO _x	Less than 100

- (1) Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". US EPA has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions.

HAPs	tons/year
Single	Less than 10
Combined	Less than 25

Appendix A of this TSD reflects the unrestricted potential emissions of the source.

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC is equal to or greater than 100 tons per year. The source is subject to the provisions of 326 IAC 2-7. However, the source has agreed to continue to limit their VOC emissions to less than Title V levels, therefore the source will be issued a FESOP Renewal.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of all other criteria pollutants are less than 100 tons per year.
- (c) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less 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 less than twenty-five (25) tons per year.

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-7, fugitive emissions are not counted toward the determination of Part 70 applicability.

PTE of the Entire Source After Issuance
--

The source has opted to remain a FESOP source. 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 this FESOP 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	VOC	CO	NO _x	Single HAP	Combined HAPs
Foam Production Line	22.64	22.64	-	96.90 ⁽¹⁾	-	-	-	negl.
Form and Package Line	57.74	57.74	-	-	-	-	-	negl.
Combustion	0.04	0.14	0.01	0.10	1.59	1.89	0.03	0.04
Insignificant Activities	-	-	-	2.00 ⁽²⁾	-	-		
Total Emissions	80.42	80.53	0.01	99.0	1.59	1.89	0.03	0.04
Title V Major Source Threshold	NA	100	100	100	100	100	10	25
PSD Major Source Threshold	250	250	250	250	250	250	NA	NA

(1) See 326 IAC 8-1-6 Rule Applicability

(2) 2.00 tons per year have been allotted for the VOC emissions from the phenolic resin bulk tank, phenol sulfonic acid bulk tank, blowing agent bulk tanks, blowing agent batch tank, and the VOC and HAP storage tanks with a capacity less than 1,000 gallons and annual throughputs less than 12,000 gallons.

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

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) The 10,000 gallon phenolic resin bulk tank, the 6,000 gallon phenol sulfonic acid bulk tank, the two (2) 3,000 gallon blowing agent bulk tanks, and the 1,016 gallon blowing agent batch tank, are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR Part 60.110b, Subpart Kb), because each of the tanks has a storage capacity less than 40 cubic meters (10,568 gallons).
- (b) There are no other New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (c) This source is not subject to 40 CFR Part 63, Subpart III, "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Manufacturing". This rule applies to each new and existing process that produces flexible polyurethane foam or rebond foam, that emits a HAP and is located at a plant that is a major source for HAPs. The foam production process at this source uses non-HAP blowing agents and does not emit any HAPs. Therefore, since the foam production process does not emit a HAP and the source is not a major source of HAPs, this rule does not apply.
- (d) This source is not subject to 40CFR Part 63, Subpart OOOOOO, "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources." This rule applies to owners and operators of a plant that produces flexible polyurethane or rebond foam as defined in 40 CFR Part 63.1292 and owners and operators of a flexible polyurethane foam fabrication facility as defined in 40 CFR 63.11419. Since the source does not produce flexible polyurethane or rebond foam as defined in 40 CFR Part 63.1292 and is not considered a flexible polyurethane foam fabrication facility as defined in 40 CFR 63.11419, this rule does not apply.
- (e) There are no other National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit renewal.

Compliance Assurance Monitoring (CAM)

- (f) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability Determination

The following state rules are applicable to the entire source:

- (a) 326 IAC 2-6 (Emission Reporting)
This source is located in Howard County and the potential to emit of each criteria pollutant is limited to less than one hundred (100) tons per year. Therefore, 326 IAC 2-6 does not apply.
- (b) 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:
 - (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

- (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings 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) 326 IAC 6-4 (Fugitive Dust Emissions)
Pursuant to 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.
- (d) 326 IAC 6.5-1-1 (Particulate Matter Limitations Except Lake County)
This source is located in Howard County and has actual emissions of ten (10) tons or more of particulate matter per year. Therefore the requirements of 326 IAC 6.5-1-2 are applicable.
- (e) 326 IAC 6.5-5 (Particulate Matter Limitations Howard County)
Pursuant to 326 IAC 6.5-5-1, this source is not subject to this rule, because it is not one of the sources listed in 326 IAC 6.5-5-2 through 326 IAC 6.5-9-16.

The following state rules are applicable to the individual facilities:

Bun Saw

The original FESOP 067-7701-00053 issued on January 29, 2004, established the following requirements:

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the bun saw shall not exceed 8.7 pounds per hour when operating at a process weight rate of 6,140 pounds per hour.

The pounds per hour limitation was calculated with the following equation:
Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

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

Because the source is located in Howard County and has actual emissions of ten (10) tons or more of particulate matter per year, the requirements of 326 IAC 6.5-1-2 are applicable. Therefore, the particulate emission limitations have been revised as follows:

- (f) Pursuant to 326 IAC 6.5-1-2(a), the bun saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).

Bag filter DC-1 is not needed to comply with the particulate pounds per hour limitation.

The original FESOP 067-7701-00053 issued on January 29, 2004, established the following requirements:

Pursuant to 326 IAC 2-8-4, particulate matter 10 microns emissions from the bun saw shall not exceed 8.7 pounds per hour including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply. These limitations will also render 326 IAC 2-2 not applicable.

This requirement has been removed from the FESOP. Significant Permit Revision 067-19332-00053, issued November 11, 2004 allowed for the use of mass balance to calculate the PM10 emissions of the horizontal slab saw. The source wide PM10 emissions as a result of the more accurate calculations for

the horizontal slab saw are less than 100 tons per year, and therefore negate the need to limit the bun saw.

Conveyorized Foam Curing Oven and Normalizing Tunnel

The original FESOP 067-7701-00053 issued on January 29, 2004, established the following requirements:

(g) 326 IAC 8-1-6 (New Facilities, General Reduction Requirements)

The foam production line is subject to 326 IAC 8-1-6 because VOC potential emissions are greater than 25 tons per year.

- (1) total blowing agent VOC usage in the Foam Production Line shall not exceed 152.3 tons per 12 consecutive month period, with compliance determined at the end of each month. This is equivalent to limited VOC emissions of 98.90 tons per year based on 59% of the emissions being emitted uncontrolled from the warehouse and 41% of the emissions being emitted from the oven/normalizing tunnel which is controlled by the recuperative thermal incinerator with a minimum 90% capture efficiency and a minimum 95% destruction efficiency.
- (2) continuing use of the existing recuperative thermal incinerator on the oven/normalizing tunnel at all times that the oven/normalizing tunnel is in operation; except when operating under the exemption provision of 326 IAC 8-1-2(a).
- (3) no add-on controls for the warehouse.

When operating, the recuperative thermal incinerator controlling the oven and normalizing tunnel shall maintain a minimum operating temperature of 1,415°F, or the minimum temperature established during the latest compliant stack tests must be maintained to ensure a 95% destruction of the volatile organic compound (VOC) captured.

In order to accommodate potential emissions from the phenolic resin bulk tank, phenol sulfonic acid bulk tank, blowing agent bulk tanks, blowing agent batch tank, and the VOC and HAP storage tanks with a capacity less than 1,000 gallons and annual throughputs less than 12,000 gallons, the previous requirement has been modified as follows:

- (1) total blowing agent VOC usage in the Foam Production Line shall not exceed 149.21 tons per 12 consecutive month period, with compliance determined at the end of each month. This is equivalent to limited VOC emissions of 96.90 tons per year based on 59% of the emissions being emitted uncontrolled from the warehouse and 41% of the emissions being emitted from the oven/normalizing tunnel which is controlled by the recuperative thermal incinerator with a minimum 90% capture efficiency and a minimum 95% destruction efficiency.
- (h) 326 IAC 8-1-2 (VOC Compliance Methods)
Pursuant to 326 IAC 8-1-2(a)(2), the incinerator is not required to be operated while the oven/normalizing tunnel is in operation during the months of November through March. This exemption shall apply provided the source continues to operate without using HAPs and the control is not needed to address odor problems. During the months from April through October, the incinerator shall be in operation at all times when the oven/normalizing tunnel is in operation.

These limitations will also satisfy the requirements of 326 IAC 2-8 and will render 326 IAC 2-7 (Part 70) and 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

Horizontal Trim Saw / Edge Trim Saw

The original FESOP 067-7701-00053 issued on January 29, 2004, established the following requirements:

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the horizontal slab saw and the edge trim saw shall not exceed 1.78 and 1.72 pounds per hour, respectively, when operating at process weight rates of 580 and 540 pounds per hour, respectively.

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

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

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

Because the source is located in Howard County and has actual emissions of ten (10) tons or more of particulate matter per year, the requirements of 326 IAC 6.5-1-2 are applicable. Therefore, the particulate emission limitations have been revised as follows:

- (i) Pursuant to 326 IAC 6.5-1-2(a), the horizontal slab saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).

Bag filter DC-2 is needed to comply with the particulate pounds per hour limitation for the Horizontal Slab Saw.

- (j) Pursuant to 326 IAC 6.5-1-2(a), the edge trim saw shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.03 grain per dry standard cubic foot (dscf).

Bag filter DC-3 is needed to comply with the particulate pounds per hour limitation for the Edge Trim Saw.

Compliance Determination, Monitoring and Testing Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

- (a) The compliance determination and monitoring requirements applicable to this source are as follows:

Emission Unit/ Control	Parameter	Frequency	Range	Excursions and Exceedances
Foam Production Line / Recuperative Thermal Incinerator	Operating Temperature	Continuous	3 Hr Avg. ≥ 1415 ° F	Response Steps
	Duct Pressure /Fan Amperage	Daily	Normal - Abnormal	Response Steps
DC-2	Broken or Failed Bag Detection	As Needed		Response Steps
DC-3	Broken or Failed Bag Detection	As Needed		Response Steps

- (b) The testing requirements applicable to this source are as follows:

Testing Requirements				
Emission Unit	Control Device	Pollutant	Date of Last Test	Frequency of Testing
Foam Production Line	Thermal Incinerator	VOC	January 5, 2005	Once every 5 years

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on April 30, 2008.

The operation of this source shall be subject to the conditions of the attached proposed FESOP Renewal No. 067-26473-00053. The staff recommends to the Commissioner that this FESOP Renewal be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Jason R. Krawczyk at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5175 or toll free at 1-800-451-6027 extension 4-5175.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

SUMMARY OF EMISSIONS

Company Name: Syndicate Sales, Inc.
Address City IN Zip: 945 South Lindsay Street, Kokomo, Indiana 46903
Permit Number: 067-26473-00053
Plt ID: 067-00053
Reviewer: Jason R. Krawczyk
Date: August 14, 2008

Total Potential to Emit (TONS/YR)					
Pollutant	Combustion	Foam Production Line	Form and Package Line	Storage Tanks	Total PTE
PM	0.04	22.64	57.74	-	80.42
PM10	0.14	22.64	57.74	-	80.53
VOC	0.10	1550.52	-	2.00	1552.62
NOx	1.89	-	-	-	1.89
SO2	0.01	-	-	-	0.01
CO	1.59	-	-	-	1.59
Single HAP	0.03	-	-	-	0.03
Combined HAPs	0.04	-	-	-	0.04

Limited / Controlled Potential to Emit (TONS/YR)					
Pollutant	Combustion	Foam Production Line	Form and Package Line	Storage Tanks	Total PTE
PM	0.04	0.23	0.85	-	1.12
PM10	0.14	0.23	0.85	-	1.22
VOC	0.10	96.90	-	2.00	99.01
NOx	1.89	-	-	-	1.89
SO2	0.01	-	-	-	0.01
CO	1.59	-	-	-	1.59
Single HAP	0.03	-	-	-	0.03
Combined HAPs	0.04	-	-	-	0.04

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

Company Name: Syndicate Sales, Inc.
Address City IN Zip: 945 South Lindsay Street, Kokomo, Indiana 46903
Permit Number: 067-26473-00053
Pit ID: 067-00053
Reviewer: Jason R. Krawczyk
Date: August 14, 2008

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

4.32

37.84

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100.0	5.5	84.0
				**see below		
Potential Emission in tons/yr	0.04	0.14	0.01	1.89	0.10	1.59

*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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

See page 3 for HAPs emissions calculations.

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

Company Name: Syndicate Sales, Inc.
Address City IN Zip: 945 South Lindsay Street, Kokomo, Indiana 46903
Permit Number: 067-26473-00053
Pit ID: 067-00053
Reviewer: Jason R. Krawczyk
Date: August 14, 2008

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.10E-03	Dichlorobenzene 1.20E-03	Formaldehyde 7.50E-02	Hexane 1.80E+00	Toluene 3.40E-03
Potential Emission in tons/yr	3.97E-05	2.27E-05	1.42E-03	3.41E-02	6.43E-05

HAPs - Metals					
Emission Factor in lb/MMcf	Lead 5.00E-04	Cadmium 1.10E-03	Chromium 1.40E-03	Manganese 3.80E-04	Nickel 2.10E-03
Potential Emission in tons/yr	9.46E-06	2.08E-05	2.65E-05	7.19E-06	3.97E-05

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emissions Calculations
VOC Emissions
From Foam Production Line**

Company Name: Syndicate Sales, Inc.
Address City IN Zip: 945 South Lindsay Street, Kokomo, Indiana 46903
Permit Number: 067-26473-00053
Plt ID: 067-00053
Reviewer: Jason R. Krawczyk
Date: August 14, 2008

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Material Usage Rate (lbs/hr)	Material Usage Rate (gal/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Uncontrolled Potential VOC pounds per hour	Uncontrolled Potential VOC pounds per day	Uncontrolled Potential VOC tons per year
Pentane	5.25	100.00%	0.0%	100.0%	0.0%	230.00	43.81	5.25	5.25	230.00	5520.00	1007.40
Heptane	5.73	100.00%	0.0%	100.0%	0.0%	124.00	21.64	5.73	5.73	124.00	2976.00	543.12
Total:										354.00	8496.00	1550.52

Material Usage Limitation	Oven/Norm. Tunnel VOC Control Eff.	Limited VOC (lb/hr)	Limited VOC (TpY)
9.623%	85.50%	22.12	96.90
Total:		22.12	96.90

NOTE:

- (1) Compliance tests performed January 1995 demonstrated that 41% of the VOC is emitted from the oven/normalizing tunnel and the remaining 59% is emitted in the warehouse.
- (2) When the thermal incinerator is operating at all times when the Foam Production Line is in operation, a 9.623% material usage limitation will limit VOC emissions to 96.9 tons per year for a source wide VOC limit of 99.0 tons per year, therefore the requirements of 326 IAC 2-7 do not apply.

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)
Material Usage Rate Gal per Hour = Material Usage Rate (lbs/hr) / Density (lb/gal)
Potential VOC Pounds per Hour = Material Usage Rate (gal/hr) * Pounds VOC per gallon of coating
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Maximum Usage Rate (gal/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Total = Worst Coating + Sum of all solvents used
Limited VOC Pound per Hour = [((Potential VOC*0.41) * (1-Control Efficiency)) + (Potential VOC*0.59)] * Material Usage Limitation

**Appendix A: Emissions Calculations
Process Particulate Emissions
From Foam Production and Form and Package Lines**

Company Name: Syndicate Sales, Inc.
Address City IN Zip: 945 South Lindsay Street, Kokomo, Indiana 46903
Permit Number: 067-26473-00053
Plt ID: 067-00053
Reviewer: Jason R. Krawczyk
Date: August 14, 2008

Emission Unit Description	Baghouse ID	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	Uncontrolled PTE Emissions		Controlled PTE Emissions	
							Uncontrolled lb/hr	Uncontrolled TPY	Controlled lb/hr	Controlled TPY
Bun Saw ¹	DC-1	1	0.0060	15	67	99.00%	5.17	22.64	0.05	0.23
Edge Trim Saw ²	DC-3	1	0.0020	15	268	99.00%	6.89	30.18	0.07	0.30

Methodology:

Potential Uncontrolled Emissions (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ration (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),

Controlled Emissions (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ration (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)

Emission Unit Description	Baghouse ID	No. of Units	Process Rate (min/bun)	Cuts per bun	Blade width (inches)	bun length (inches)	bun width (inches)	Density (lbs/ft ³)	Control Efficiency	Flow Rate (ft ³ /min)
Horizontal Slab Saw ²⁽³⁾	DC-2	1	9.3	11	0.02	85.5	36	1.23	98.00%	500.00

Volume of material removed per cut:	0.036	ft ³
Mass of material removed per cut:	0.044	lbs/cut
Mass of material removed per bun:	0.482	lbs/bun
Hourly process rate:	6.452	buns/hr
Doubled for safety factor:	13	max buns/hr

Uncontrolled PTE Emissions:	6.29	lb/hr
	27.56	TPY
Controlled PTE Emissions:	0.13	lb/hr
	0.55	TPY

Notes:

(1) Part of the Foam Production Line

(2) Part of the Form and Package Line

(3) SPR 067-19332-00053 of the original FESOP 067-7701-00053, issued on January 29, 2004 approved the use of mass balance for calculating the Horizontal Slab Saw PTE

Methodology:

Uncontrolled Emissions = Maximum Buns/hr * Mass of material removed per cut * 8760 hr/yr * 1 ton/2000lb

Controlled Emissions = Maximum Buns/hr * Mass of material removed per cut * 8760 hr/yr * 1 ton/2000lb * (1- Control Efficiency)