NOTICE OF 30-DAY PERIOD
FOR PUBLIC COMMENT

Preliminary Findings Regarding a New Source Construction and
Federally Enforceable State Operating Permit (FESOP)
for Insulation Specialties of America Inc in LaPorte County

FESOP No.: F091-41208-00163

The Indiana Department of Environmental Management (IDEM) has received an application from Insulation Specialties of America Inc, located at 1095 Kabert Dr, Wanatah, IN 46390, for a new source construction and FESOP. If approved by IDEM’s Office of Air Quality (OAQ), this proposed permit would allow Insulation Specialties of America Inc to construct and operate a new stationary high-temperature industrial vacuum formed insulation components manufacturing operation.

The applicant intends to construct and operate new equipment that will emit air pollutants. The potential to emit regulated pollutants will be limited to less than the TV and/or PSD major threshold levels, respectively. IDEM has reviewed this application, and has developed preliminary findings, consisting of a draft permit and several supporting documents, that would allow the applicant to make this change.

IDEM is aware that the source has been constructed and operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take appropriate action. This draft permit contains provisions to bring unpermitted equipment into compliance with construction and operation permit rules.

A copy of the permit application and IDEM’s preliminary findings are available at:

Wanatah Public Library
114 South Main Street
Wanatah, IN 46390

and

IDEM Northwest Regional Office
330 W. US Highway 30, Suites E & F
Valparaiso, IN 46385

A copy of the preliminary findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/.

A copy of the preliminary findings is also available via IDEM’s Virtual File Cabinet (VFC.) Please go to: http://www.in.gov/idem/ and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

How can you participate in this process?

The date that this notice is posted on IDEM’s website (https://www.in.gov/idem/5474.htm) marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.
You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the air pollution impact of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If a public hearing or meeting is held, IDEM will make a separate announcement of the date, time, and location of that hearing or meeting. At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number F091-41208-00163 in all correspondence.

Comments should be sent to:

Aida DeGuzman
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Aida DeGuzman or (317) 233-4972
Or dial directly: (317) 233-4972
Fax: (317) 232-6749 attn: Aida DeGuzman
E-mail: adeguzman@idem.in.gov

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: http://www.in.gov/idem/airquality/2356.htm, and the Citizens' Guide to IDEM on the Internet at: http://www.in.gov/idem/6900.htm.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above, at the local library indicated above, at the IDEM Regional Office indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Aida DeGuzman of my staff at the above address.

Josiah K. Balogun, Section Chief
Permits Branch
Office of Air Quality
Insulation Specialties of America Inc
1095 Kabert Drive
Wanatah, Indiana 46390

(herein known as the Permittee) is hereby authorized to construct and 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.
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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)]

<table>
<thead>
<tr>
<th>Source Address:</th>
<th>1095 Kabert Dr, Wanatah, Indiana 46390</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Source Phone Number:</td>
<td>219-733-2502</td>
</tr>
<tr>
<td>SIC Code:</td>
<td>3299</td>
</tr>
<tr>
<td>County Location:</td>
<td>LaPorte</td>
</tr>
<tr>
<td>Source Location Status:</td>
<td>Attainment for all criteria pollutants</td>
</tr>
<tr>
<td>Source Status:</td>
<td>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</td>
</tr>
</tbody>
</table>

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) Hammer Mill, identified as HM-1, constructed on December 1, 2012 and permitted in 2019, with a maximum capacity of 1,400 pounds per hour, using dust collector DC-1 as control, exhausting outdoors.

(b) One (1) Hot Top Sander, with a maximum capacity of 2,600 pounds per hour, using dust collector DC-2 as control, exhausting outdoors which includes the following:

2. West hot top sander, identified as HT-2, constructed on April 2006 and permitted in 2019.
4. Hot top CNC, identified as HT-4, constructed on April 2013 and permitted in 2019.

(c) One (1) Cutting operation, with a maximum capacity of 2,200 pounds per hour, using dust collector DC-3 as control, exhausting outdoors which includes the following:

(4) Vertical band saw, identified as CR-4, constructed prior to 1997 and permitted in 2019.
(5) Horizontal band saw, identified as CR-5, constructed prior to 1997 and permitted in 2019.
(6) Belt sander, identified as CR-6, constructed on March 2008 and permitted in 2019.
(7) Table saw, identified as CR-7, constructed prior to 1997 and permitted in 2019.
(8) North CNC, identified as CR-8, constructed on April 2008 and permitted in 2019.
(9) South CNC, identified as CR-9, constructed on November 2011 and permitted in 2019.
(10) Board Sander, identified as CR-10, constructed on October 2016 and permitted in 2019.
(11) Drill Press 1, identified as CR-11, constructed prior to 1997 and permitted in 2019.
(12) Drill Press 2, identified as CR-12, constructed prior to 1997 and permitted in 2019.

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) One (1) mix deck, constructed on December 1, 2012 and permitted in 2019, with a maximum throughput of 2,337.2 tons of bagged material per year.

(b) Two (2) natural gas-fired ovens, identified as Oven# 3, and Oven#7, with a maximum heat input capacity of 1.5 MMBtu/hr, each.

(c) Two (2) natural gas-fired ovens, identified as Oven#4, and Oven#5, with a maximum heat input capacity of 1.2 MMBtu/hr, each.

(d) One (1) natural gas-fired oven, identified as Oven#8, with a maximum heat input capacity of 0.8 MMBtu/hr.

(e) Two (2) natural gas-fired ovens, identified as Oven#9 and Oven#10, with a maximum heat input capacity of 0.467 MMBtu/hr, each.

(f) One (1) natural gas-fired oven, identified as Oven#11, with a maximum heat input capacity of 0.8 MMBtu/hr.

(g) One (1) natural gas-fired continuous oven, with a maximum heat input capacity of 3.5 MMBtu/hr.

(h) One (1) natural gas-fired high fire oven, with a maximum heat input capacity of 1.0 MMBtu/hr.

(i) Paved roads. [326 IAC 6-4]

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

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for a Federally Enforceable State Operating Permit (FESOP).
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 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.3 Affidavit of Construction  [326 IAC 2-5.1-3(h)]  [326 IAC 2-5.1-4][326 IAC 2-8]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 and 326 IAC 2-8 when prior to the start of operation, the following requirements are met:

(a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as proposed in the application or the permit. The emission units covered in this permit may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as proposed.

(b) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.

(c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

B.4 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

(a) This permit, F091-41208-00163, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.5 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.6 Enforceability [326 IAC 2-8-6] [IC 13-17-12]

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.7 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.8 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.9 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. 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.10 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

(a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

(1) it contains a certification by an "authorized individual" as defined by
326 IAC 2-1.1-1(1), and

(2) the certification states that, based on information and belief formed after
reasonable inquiry, the statements and information in the document are true,
accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent 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.11 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(a) The Permittee shall annually submit a compliance certification report which addresses
the status of the source’s compliance with the terms and conditions contained in this
permit, including emission limitations, standards, or work practices. The initial
certification shall cover the time period from the date of final permit issuance through
December 31 of the same year. All subsequent 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
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.

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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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.

If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

1. Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
2. A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
3. Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

(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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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.14 Emergency Provisions [326 IAC 2-8-12]

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

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that 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 or Northwest Regional Office 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 and Enforcement Branch), or
   Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
   Facsimile Number: 317-233-6865
   Northwest Regional Office phone: (219) 464-0233; fax: (219) 464-0553.
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:
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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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.

B.15 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to F091-41208-00163 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.16 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.17 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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.18 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(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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
Permit Administration and Support Section, 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, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.19 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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.20  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) and (c) 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
   Permit Administration and Support Section, Office of Air Quality
   100 North Senate Avenue
   MC 61-53 IGCN 1003
   Indianapolis, Indiana 46204-2251

   and

   United States Environmental Protection Agency, Region 5
   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)(1) and (c). 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)(1) and (c).

(b) Emission Trades [326 IAC 2-8-15(b)]

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(b).

(c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]

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.21 Source Modification Requirement [326 IAC 2-8-11.1]
A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.22 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.23 Transfer of Ownership or Operational Control [326 IAC 2-8-10]
(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

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

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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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.24 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 no later than 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.25 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]

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) Pursuant to 326 IAC 2-2 (PSD), 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.

(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 5-1-1 (Applicability) and 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 except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

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:
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 that meets the requirements of 326 IAC 2-8-5(a)(1) 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 326 IAC 3-6

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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(1)] [326 IAC 2-8-5(a)(1)]

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

(a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

(b) For existing units:
Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, 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 and Enforcement 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.11 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. The analog instrument shall be capable of measuring values outside of the normal range.

(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.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):
(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

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

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

no later than 180 days from the date on which this source commences operation.

The ERP does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.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]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

(a) The Permittee shall take reasonable response steps to 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 excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning 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 normal or usual manner of operation.
(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 record the reasonable response steps 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 submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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. Support information includes the following, where applicable:

(AA) All calibration and maintenance records.

(BB) All original strip chart recordings for continuous monitoring instrumentation.

(CC) Copies of all reports required by the FESOP.

Records of required monitoring information include the following, where applicable:

(AA) The date, place, as defined in this permit, and time of sampling or measurements.

(BB) The dates analyses were performed.

(CC) The company or entity that performed the analyses.

(DD) The analytical techniques or methods used.

(EE) The results of such analyses.

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

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, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

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. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that 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. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an “authorized individual” as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, 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) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

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 applicable standards for recycling and emissions reduction.
SECTION D.1  EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) Hammer Mill, identified as HM-1, constructed on December 1, 2012 and permitted in 2019, with a maximum capacity of 1,400 pounds per hour, using dust collector DC-1 as control, exhausting outdoors.

(b) One (1) Hot Top Sander, with a maximum capacity of 2,600 pounds per hour, using dust collector DC-2 as control, exhausting outdoors which includes the following:

   (5) East hot top sander, identified as HT-1, constructed in 2002 and permitted in 2019.
   (6) West hot top sander, identified as HT-2, constructed on April 2006 and permitted in 2019.
   (7) Gasket sander, identified as HT-3, constructed on June 2006 and permitted in 2019.
   (8) Hot top CNC, identified as HT-4, constructed on April 2013 and permitted in 2019.

(c) One (1) Cutting operation, with a maximum capacity of 2,200 pounds per hour, using dust collector DC-3 as control, exhausting outdoors which includes the following:

   (14) Big router table, identified as CR-1, constructed on July 2012 and permitted in 2019.
   (15) Small router table, identified as CR-2, constructed prior to 1997 and permitted in 2019.
   (18) Horizontal band saw, identified as CR-5, constructed prior to 1997 and permitted in 2019.
   (19) Belt sander, identified as CR-6, constructed on March 2008 and permitted in 2019.
   (20) Table saw, identified as CR-7, constructed prior to 1997 and permitted in 2019.
   (21) North CNC, identified as CR-8, constructed on April 2008 and permitted in 2019.
   (22) South CNC, identified as CR-9, constructed on November 2011 and permitted in 2019.
   (23) Board Sander, identified as CR-10, constructed on October 2016 and permitted in 2019.
   (24) Drill Press 1, identified as CR-11, constructed prior to 1997 and permitted in 2019.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)
### Emission Limitations and Standards [326 IAC 2-8-4(1)]

#### D.1.1 Prevention of Significant Deterioration (PSD) Minor Limits [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Control Device</th>
<th>PM Emissions Limit (pound/hour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>Dust Collector, DC-1</td>
<td>6.51</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>Dust Collector, DC-2</td>
<td>13.03</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>Dust Collector, DC-3</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM emissions to less than two hundred fifty (250) tons per year and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

#### D.1.2 PSD Minor Limits and FESOP Limits [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP) and in order to render the requirements of 326 IAC 2-7 (Part 70) and 326 IAC 2-2 (PSD) not applicable, the Permittee shall comply with the following:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Control Device</th>
<th>PM\textsubscript{10}/PM\textsubscript{2.5} Emissions Limit (pound/hour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>Dust Collector, DC-1</td>
<td>6.51</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>Dust Collector, DC-2</td>
<td>13.03</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>Dust Collector, DC-3</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Compliance with these limits, combined with the potential to emit PM\textsubscript{10}, and PM\textsubscript{2.5} emissions from all other emission units at this source, shall limit the source-wide total potential to emit of PM\textsubscript{10}, and PM\textsubscript{2.5} emissions to less than one-hundred (100) tons per year each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable to the source.

#### D.1.3 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emissions from the equipment listed in this section shall not exceed the pound per hour emission rate established in the table below:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Maximum Process Weight Rate (tons/hr)</th>
<th>326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>0.7</td>
<td>3.23</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>1.3</td>
<td>4.89</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>1.1</td>
<td>4.37</td>
</tr>
</tbody>
</table>

The emission limits are calculated using the following equations:
Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

\[ E = 4.10 P^{0.67} \]

where

\( E \) = rate of emission in pounds per hour and \\
\( P \) = process weight rate in tons per hour.

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

A Preventive Maintenance Plan is required for these facilities and the associated control devices. Section B - Preventive Maintenance Plan contains the Permittee’s obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.1.5 Particulate Control

In order to assure compliance with Conditions D.1.1, D.1.2, and D.1.3, the dust collectors, identified as DC-1, DC-2 and DC-3 for particulate control shall be in operation and control emissions from the hammer mill, hot top sanders, and cutting operation facilities at all times these facilities are in operation.

In the event that cartridge failure is observed in a dust collector, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.1.6 Parametric Monitoring

(a) The Permittee shall record the pressure drop across the dust collectors/baghouses, identified as DC-1, DC-2 and DC-3 used in conjunction with the Hammer Mill, identified as HM-1, Hot Top Sander and Cutting operation, respectively at least once per day when these units are operating. When for any one reading, the pressure drop across each of the baghouses is outside the normal range of 1.5 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps. Section C- Response to Excursions or Exceedances contains the Permittee’s obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

(b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated or replaced at least once every six (6) months.

D.1.7 Broken or Failed Bag Detection

(a) For a single compartment dust collector controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).
(b) For a single compartment dust collector controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the line. 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).

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

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

**D.1.8 Record Keeping Requirements**

(a) To document the compliance status with Condition D.1.6 - Visible Emissions Notations, the Permittee shall maintain records once per day of the pressure drop across each of the baghouses, used in conjunction with the Hammer Mill, identified as HM-1, Hot Top Sander and Cutting operation. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g., the process did not operate that day).

(b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION

Source Name: Insulation Specialties of America Inc
Source Address: 1095 Kabert Dr, Wanatah, Indiana 46390
FESOP Permit No.: F091-41208-00163

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

Source Name: Insulation Specialties of America Inc
Source Address: 1095 Kabert Dr, Wanatah, Indiana 46390
FESOP Permit No.: F091-41208-00163

This form consists of 2 pages

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
  • The Permittee must notify the Office of Air Quality (OAQ), within four (4) daytime 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 2-8-12

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

<table>
<thead>
<tr>
<th>Date/Time Emergency started:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date/Time Emergency was corrected:</td>
<td></td>
</tr>
<tr>
<td>Was the facility being properly operated at the time of the emergency?</td>
<td>Y N</td>
</tr>
<tr>
<td>Describe:</td>
<td></td>
</tr>
<tr>
<td>Type of Pollutants Emitted: TSP, PM-10, SO₂, VOC, NOₓ, CO, Pb, other:</td>
<td></td>
</tr>
<tr>
<td>Estimated amount of pollutant(s) emitted during emergency:</td>
<td></td>
</tr>
<tr>
<td>Describe the steps taken to mitigate the problem:</td>
<td></td>
</tr>
<tr>
<td>Describe the corrective actions/response steps taken:</td>
<td></td>
</tr>
<tr>
<td>Describe the measures taken to minimize emissions:</td>
<td></td>
</tr>
<tr>
<td>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:</td>
<td></td>
</tr>
</tbody>
</table>

Form Completed by: ________________________________
Title / Position: ________________________________
Date: ________________________________
Phone: ________________________________
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Insulation Specialties of America Inc
Source Address: 1095 Kabert Dr, Wanatah, Indiana 46390
FESOP Permit No.: F091-41208-00163

Months: ___________ to ____________ Year: ______________

<table>
<thead>
<tr>
<th>Permit Requirement (specify permit condition #)</th>
<th>Date of Deviation:</th>
<th>Duration of Deviation:</th>
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<tbody>
<tr>
<td>Number of Deviations:</td>
<td></td>
<td></td>
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<tr>
<td>Probable Cause of Deviation:</td>
<td></td>
<td></td>
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<tr>
<td>Response Steps Taken:</td>
<td></td>
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<td>Response Steps Taken:</td>
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<td></td>
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<tr>
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<td></td>
</tr>
<tr>
<td>Response Steps Taken:</td>
<td></td>
</tr>
</tbody>
</table>

Form Completed by: ________________________________

Title / Position: ________________________________

Date: ________________________________

Phone: ________________________________
Insulation Specialties of America Inc
1095 Kabert Dr
Wanatah, Indiana 46390

Affidavit of Construction

I, ____________________________________________________________, being duly sworn upon my oath, depose and say:

(Name of the Authorized Representative)

1. I live in _____________________________ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.

2. I hold the position of ______________________________ for ______________________________________.
   (Title) (Company Name)

3. By virtue of my position with ___________________________________________________, I have personal knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of ________________________________________________________________.
   (Company Name)

4. I hereby certify that Insulation Specialties of America Inc 1095 Kabert Dr, Wanatah, Indiana 46390, completed construction of the vacuum formed insulation components for high temperature industrial application manufacturing operation on _______________________ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on March 15, 2019 and as permitted pursuant to New Source Construction Permit and Federally Enforceable State Operating Permit No. F091-41208-00163, Plant ID No. 091-00163 issued on _______________________.

5. Permitee, please cross out the following statement if it does not apply: Additional (operations/facilities) were constructed/substituted as described in the attachment to this document and were not made in accordance with the construction permit.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature
Date

STATE OF INDIANA)
)SS
COUNTY OF _____________________

Subscribed and sworn to me, a notary public in and for ________________ County and State of Indiana on this ________________ day of ________________, 20____. My Commission expires: ________________________.

Signature
Name__________________________ (typed or printed)
Source Description and Location

Source Name: Insulation Specialties of America Inc  
Source Location: 1095 Kabert Drive, Wanatah, IN 46390  
County: LaPorte  
SIC Code: 3299 (Nonmetallic Mineral Products, Not Elsewhere Classified)  
Operation Permit No.: F 091-41208-00163  
Permit Reviewer: Neelnayana Kalita/Aida DeGuzman

On March 15, 2019, the Office of Air Quality (OAQ) received an application from Insulation Specialties of America Inc related to the construction and operation of a new stationary high-temperature industrial vacuum formed insulation components manufacturing operation.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in LaPorte County.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO₂</td>
<td>Better than national standards.</td>
</tr>
<tr>
<td>CO</td>
<td>Unclassifiable or attainment effective November 15, 1990.</td>
</tr>
<tr>
<td>O₃</td>
<td>Unclassifiable or attainment effective July 20, 2012, for the 2008 8-hour ozone standard.¹</td>
</tr>
<tr>
<td>PM₂.₅</td>
<td>Unclassifiable or attainment effective April 15, 2015, for the 2012 annual PM₂.₅ standard.</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>Unclassifiable effective November 15, 1990.</td>
</tr>
<tr>
<td>NO₂</td>
<td>Unclassifiable or attainment effective January 29, 2012, for the 2010 NO₂ standard.</td>
</tr>
<tr>
<td>Pb</td>
<td>Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.</td>
</tr>
</tbody>
</table>

¹Unclassifiable or attainment effective October 18, 2000, for the 1-hour standard which was revoked effective June 15, 2005.

(a) Ozone Standards
Volatiles 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. LaPorte 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
LaPorte County has been classified as attainment for PM₂.₅. Therefore, direct PM₂.₅, SO₂, and NOₓ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
(c) Other Criteria Pollutants

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

### Fugitive Emissions

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit applicability and source status under Section 112 of the Clean Air Act (CAA).

### Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at [http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf](http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf)) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources “previously classified as ‘Major’ based solely on greenhouse gas emissions.”

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

### Background and Description of Emission Units and Pollution Control Equipment

The Office of Air Quality (OAQ) has reviewed an application, submitted by Insulation Specialties of America Inc on March 15, 2019, relating to the operation of an unpermitted stationary source that manufactures high-temperature industrial vacuum formed insulation components. This proposed approval is intended to satisfy the requirements of the construction permit and/or operating rules for this source.

The following is a list of the the unpermitted emission units and pollution control device:

(a) One (1) Hammer Mill, identified as HM-1, constructed on December 1, 2012 and permitted in 2019, with a maximum capacity of 1,400 pounds per hour, using dust collector DC-1 as control, exhausting outdoors.

(b) One (1) Hot Top Sander, with a maximum capacity of 2,600 pounds per hour, using dust collector DC-2 as control, exhausting outdoors which includes the following:

2. West hot top sander, identified as HT-2, constructed on April 2006 and permitted in 2019.
4. Hot top CNC, identified as HT-4, constructed on April 2013 and permitted in 2019.

(c) One (1) Cutting operation, with a maximum capacity of 2,200 pounds per hour, using dust collector DC-3 as control, exhausting outdoors which includes the following:
(1) Big router table, identified as CR-1, constructed on July 2012 and permitted in 2019.
(2) Small router table, identified as CR-2, constructed prior to 1997 and permitted in 2019.
(3) Grizzley band saw, identified as CR-3, constructed prior to 1997 and permitted in 2019.
(4) Vertical band saw, identified as CR-4, constructed prior to 1997 and permitted in 2019.
(5) Horizontal band saw, identified as CR-5, constructed prior to 1997 and permitted in 2019.
(6) Belt sander, identified as CR-6, constructed on March 2008 and permitted in 2019.
(7) Table saw, identified as CR-7, constructed prior to 1997 and permitted in 2019.
(8) North CNC, identified as CR-8, constructed on April 2008 and permitted in 2019.
(9) South CNC, identified as CR-9, constructed on November 2011 and permitted in 2019.
(10) Board Sander, identified as CR-10, constructed on October 2016 and permitted in 2019.
(11) Drill Press 1, identified as CR-11, constructed prior to 1997 and permitted in 2019.
(12) Drill Press 2, identified as CR-12, constructed prior to 1997 and permitted in 2019.

The source also consists of the following insignificant activities:

(a) One (1) mix deck, constructed on December 1, 2012 and permitted in 2019, with a maximum throughput of 2,337.2 tons of bagged material per year.
(b) Two (2) natural gas-fired ovens, identified as Oven# 3, and Oven#7, with a maximum heat input capacity of 1.5 MMBtu/hr, each.
(c) Two (2) natural gas-fired ovens, identified as Oven#4, and Oven#5, with a maximum heat input capacity of 1.2 MMBtu/hr, each.
(d) One (1) natural gas-fired oven, identified as Oven#8, with a maximum heat input capacity of 0.8 MMBtu/hr.
(e) Two (2) natural gas-fired ovens, identified as Oven#9 and Oven#10, with a maximum heat input capacity of 0.467 MMBtu/hr, each.
(f) One (1) natural gas-fired oven, identified as Oven#11, with a maximum heat input capacity of 0.8 MMBtu/hr.
(g) One (1) natural gas-fired continuous oven, with a maximum heat input capacity of 3.5 MMBtu/hr.
(h) One (1) natural gas-fired high fire oven, with a maximum heat input capacity of 1.0 MMBtu/hr.
(i) Paved roads.[326 IAC 6-4]

### Enforcement Issues

IDEM is aware that source has been constructed and operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take the appropriate action. This proposed approval is intended to satisfy the requirements of the construction permit and operated rules.

### Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.
This table reflects the unrestricted potential emissions of the source. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

<table>
<thead>
<tr>
<th>Unrestricted Source-Wide Emissions (ton/year)</th>
<th>PM¹</th>
<th>PM¹⁰¹</th>
<th>PM₂.₅¹,₂</th>
<th>SO₂</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP³</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>150.2</td>
<td>150.2</td>
<td>150.2</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>300.34</td>
<td>300.34</td>
<td>300.34</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Cutting Room</td>
<td>69.08</td>
<td>69.08</td>
<td>69.08</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Natural Ovens</td>
<td>0.099</td>
<td>0.396</td>
<td>0.396</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
<td>-</td>
<td>0.09 (Hexane)</td>
<td>0.10</td>
</tr>
<tr>
<td>Mix Deck</td>
<td>0.01</td>
<td>0.005</td>
<td>0.005</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Total PTE of Entire Source Excluding Fugitives*</td>
<td>519.7</td>
<td>520.0</td>
<td>520.0</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
<td>0.0</td>
<td>0.09 (Hexane)</td>
<td>0.10</td>
</tr>
<tr>
<td>Fugitive Emissions (Paved &amp; Unpaved Roads)</td>
<td>0.04</td>
<td>0.01</td>
<td>0.002</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Total PTE of Entire Source Excluding Fugitives*</td>
<td>519.7</td>
<td>520.0</td>
<td>520.0</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
<td>0.0</td>
<td>0.09 (Hexane)</td>
<td>0.10</td>
</tr>
<tr>
<td>Title V Major Source Thresholds</td>
<td>NA</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

¹Under the Part 70 Permit program (40 CFR 70), PM₁₀ and PM₂.₅, not particulate matter (PM), are each considered as a “regulated air pollutant.”

²PM₂.₅ listed is direct PM₂.₅.

³Single highest source-wide HAP

*Fugitive HAP emissions are always included in the source-wide emissions.

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

(a) The potential to emit (as defined in 326 IAC 2-7-1(30)) of PM1₀ and PM2.₅ are each greater than one hundred (100) tons per year. The potential to emit of all other criteria pollutants are each less than one hundred (100) tons per year. The source would have been subject to the provisions of 326 IAC 2-7. However, the source will be issued a New Source Construction Permit (326 IAC 2-5.1-3) and a Federally Enforceable State Operating Permit (FESOP) (326 IAC 2-8), because the source will limit emissions to less than the Title V major source threshold levels.

(b) The potential to emit (as defined in 326 IAC 2-7-1(30)) 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(30)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).
PTE of the Entire Source After Issuance of the FESOP

The table below summarizes the after issuance source-wide potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally 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. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

<table>
<thead>
<tr>
<th>Source-Wide Emissions After Issuance (ton/year)</th>
<th>PM¹</th>
<th>PM¹⁰¹</th>
<th>PM₂.₅²</th>
<th>SO₂</th>
<th>NOₓ</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP³</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>28.53</td>
<td>28.53</td>
<td>28.53</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>57.07</td>
<td>57.07</td>
<td>57.07</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Cutting Room</td>
<td>13.12</td>
<td>13.12</td>
<td>13.12</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Natural Ovens</td>
<td>0.099</td>
<td>0.396</td>
<td>0.396</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
<td>0.0</td>
<td>0.09 (Hexane)</td>
<td>0.10</td>
</tr>
<tr>
<td>Mix Deck</td>
<td>0.012</td>
<td>0.005</td>
<td>0.005</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Total PTE of Entire Source Excluding Fugitives</strong></td>
<td><strong>98.83</strong></td>
<td><strong>99.12</strong></td>
<td><strong>99.12</strong></td>
<td><strong>0.03</strong></td>
<td><strong>5.21</strong></td>
<td><strong>0.29</strong></td>
<td>--</td>
<td><strong>0.09 (Hexane)</strong></td>
<td><strong>0.10</strong></td>
</tr>
<tr>
<td>Fugitive Emissions (Paved &amp; Unpaved Roads)</td>
<td>0.04</td>
<td>0.01</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td><strong>Total PTE of Entire Source Excluding Fugitives</strong></td>
<td><strong>98.83</strong></td>
<td><strong>99.12</strong></td>
<td><strong>99.12</strong></td>
<td><strong>0.03</strong></td>
<td><strong>5.21</strong></td>
<td><strong>0.29</strong></td>
<td>--</td>
<td><strong>0.09 (Hexane)</strong></td>
<td><strong>0.10</strong></td>
</tr>
<tr>
<td>Title V Major Source Thresholds</td>
<td>NA</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

¹Under the Part 70 Permit program (40 CFR 70), PM₁₀ and PM₂.₅, not particulate matter (PM), are each considered as a "regulated air pollutant."
²PM₂.₅ listed is direct PM₂.₅.
³Single highest source-wide HAP
*Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed potential to emit of the entire source after issuance.

The source opted to take PM, and PM₁₀ limits in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to this source. See Technical Support Document (TSD) State Rule Applicability - Entire Source section, 326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset), 326 IAC 2-8 (FESOP), for more information regarding the limits.

(a) This new stationary source is minor under Title V (326 IAC 2-7) because the potential to emit criteria pollutants and HAPs from the entire source is less than or limited to less than the Title V major source threshold levels. Therefore, the source is subject to the provisions of 326 IAC 2-8 (FESOP) and is an area source under Section 112 of the Clean Air Act (CAA).
(b) This new stationary source is minor under PSD (326 IAC 2-2) because the potential to emit of all PSD regulated pollutants from the entire source is less than or limited to less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

(c) The potential to emit (as defined in 326 IAC 2-7-1(30)) 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(30)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Federal Rule Applicability Determination

Federal rule applicability for this source has been reviewed as follows:

**New Source Performance Standards (NSPS):**

(a) The requirements of the New Source Performance Standard for Metallic Mineral Processing Plants, 40 CFR 60, Subpart LL and 326 IAC 12, are not included in the permit for this source. Pursuant to 40 CFR 60.38, metallic mineral processing plants are defined as any combination of equipment that produces metallic mineral concentrates from ore. The source does not produce metallic mineral concentrates from ore. Therefore, 40 CFR 60, Subpart LL do not apply.

(b) The requirements of the New Source Performance Standard for Metallic Mineral Processing Plants, 40 CFR 60, Subpart OOO and 326 IAC 12, are not included in the permit for this source, because non-metallic minerals are not processed at the source. Additionally, the source does not have crushers, and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin.

(c) The requirements of the New Source Performance Standard for Synthetic Fiber Production Facilities, 40 CFR 60, Subpart HHH, are not included in the permit for this source, because is not a solvent spun synthetic fiber process.

(d) The requirements of the New Source Performance Standard for Wool Fiberglass Insulation Manufacturing Plants, 40 CFR 60, Subpart PPP, are not included in the permit for this source, because it does not have a rotary spun wool fiberglass insulation manufacturing line.

(e) There are no other New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit.

**National Emission Standards for Hazardous Air Pollutants (NESHAP):**

(f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Clay Ceramics Manufacturing Area Sources, 40 CFR 63, Subpart RRRRRRR are not included in the permit for this source, since the source does not own or operate a clay ceramics manufacturing facility, does not have an atomized glaze spray booth or kiln that fires glazed ceramic ware and it does not process more than 45 megagrams per year (Mg/yr.) of wet clay.

(g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Group I Polymers and Resins, 40 CFR 63, Subpart U are not included in the permit for this source, since the source does not manufacture Group I polymers and resins.

**Compliance Assurance Monitoring (CAM):**

(h) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited 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 for this source has been reviewed as follows:

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

The source is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 (Prevention of Significant Deterioration). Although the source has an uncontrolled potential to emit in excess of two hundred fifty (250) tons per year of PM the source has agreed to limit the PTE of PM to less than two hundred fifty (250) tons per year.

The uncontrolled PM emissions are greater than 250 tons per year for this source. In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the permittee shall comply with the following limitations:

#### PSD Minor Source Limits

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Control Device</th>
<th>PM Emissions Limit (lb/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>Dust Collector, DC-1</td>
<td>6.51</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>Dust Collector, DC-2</td>
<td>13.03</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>Dust Collector, DC-3</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM emissions to less than two hundred fifty (250) tons per year and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

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

The operation of this source will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

### 326 IAC 2-6 (Emission Reporting)

Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is located in LaPorte County, it has actual emissions of NOX and VOC of less than twenty-five (25) tons per year, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

### 326 IAC 2-8-4 (FESOP) and 326 IAC 2-2 (PSD)

The uncontrolled PM10 and PM2.5 emissions are each more than 250 tons per year. Pursuant to 326 IAC 2-2 (PSD) and 326 IAC 2-8-4 (FESOP), the Permittee shall limit PM10 and PM2.5 emissions from the entire source to less than one hundred (100) tons per year. Therefore, in order to render the requirements of 326 IAC 2-2 (PSD) and 326 IAC 2-7 (Part 70) not applicable, the Permittee shall comply with the following:
FESOP PM\textsubscript{10}, PM\textsubscript{2.5} Limits:
Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits), and 326 IAC 2-2 (PSD) not applicable, the Permittee shall comply with the following:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Emission Unit Description</th>
<th>PM\textsubscript{10}/PM\textsubscript{2.5} Emissions Limit (lb/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>Dust Collector</td>
<td>6.51</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>Dust Collector</td>
<td>13.03</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>Dust Collector</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Compliance with these limits, combined with the potential to emit PM\textsubscript{10}, and PM\textsubscript{2.5} from all other emission units at this source, shall limit the source-wide total potential to emit of PM\textsubscript{10}, and PM\textsubscript{2.5} to less than 100 tons per year each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.

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

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)
The ten (10) natural gas-fired ovens, are not subject to particulate emission limitations under 326 IAC 6-2 because these units are not sources of indirect heating.

326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
This source is not subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions of less than twenty-five (25) tons per year.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a), this source (located in LaPorte County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

State rule applicability for this source has been reviewed as follows:

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Mix Deck
Pursuant to 326 IAC 6-3-1(a)(14), the Mix Deck is not subject to the particulate emission limitation established under 326 IAC 6-3-2 because its potential particulate emission is less than five hundred fifty-one thousandths (0.551) pound per hour.
Hammer Mill, Hot Top Sanders, Cutting Operation

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emissions from the equipment listed in this section shall not exceed the pound per hour emission rate established in the table below:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Maximum Process Weight Rate (tons/hr)</th>
<th>326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>0.7</td>
<td>3.23</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>1.3</td>
<td>4.89</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>1.1</td>
<td>4.37</td>
</tr>
</tbody>
</table>

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

\[ E = 4.10 P^{0.67} \]

where \( E \) = rate of emission in pounds per hour and \( P \) = process weight rate in tons per hour.

The dust collectors for the hammer mill, hot top sanders, and cutting operation should be in operation to comply with these limits.

326 IAC 7-1.1 Sulfur Dioxide Emission Limitations

Each of the emission unit at this source is not subject to 326 IAC 326 IAC 7-1.1 because it has a potential to emit (or limited potential to emit) sulfur dioxide (SO2) of less than 25 tons per year or 10 pounds per hour.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)

Even though, this stationary high-temperature industrial vacuum formed insulation components manufacturing operation was constructed after January 1, 1980, it is not subject to the requirements of 326 IAC 8-1-6 because its unlimited VOC potential emissions are less than twenty-five (25) tons per year.

326 IAC 9-1 (Carbon Monoxide Emission Limits)

The requirements of 326 IAC 9-1 do not apply to the source, because this source does not operate a catalyst regeneration petroleum cracking system or a petroleum fluid coker, grey iron cupola, blast furnace, basic oxygen steel furnace, or other ferrous metal smelting equipment.

326 IAC 10-3 (Nitrogen Oxide Reduction Program for Specific Source Categories)

The requirements of 326 IAC 10-3 do not apply to the source, since this unit is not a blast furnace gas-fired boiler, a Portland cement kiln, or a facility specifically listed under 326 IAC 10-3-1(a)(2).

### Compliance Determination and Monitoring Requirements

(a) The Compliance Determination Requirements applicable to this source are as follows:

**Testing Requirements:**

No stack testing is required for the dust collectors, DC-1 associated with the Hammer Mill, DC-2 associated with the Hot Top Sanders, and DC-3 associated with the Cutting Operation since each control is not needed to operate at maximum design efficiency of 99.5% to stay below the Part 70 major source threshold of 100 tons/year. Further, all the dust (fiber and colloidal silica) collected from these baghouses
is returned back into the system as part of the raw materials, but are not considered integral to the process.

(b) The Compliance Monitoring Requirements applicable to this source are as follows:

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Control</th>
<th>Type of Parametric Monitoring</th>
<th>Frequency</th>
<th>Range or specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>Dust Collector, DC-1</td>
<td>Pressure drop</td>
<td>Daily</td>
<td>Within normal range of 1.5 to 8.0 inches of water</td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>Dust Collector, DC-2</td>
<td>Pressure drop</td>
<td>Daily</td>
<td>Within normal range of 1.5 to 8.0 inches of water</td>
</tr>
<tr>
<td>Cutting Operation</td>
<td>Dust Collector, DC-3</td>
<td>Pressure drop</td>
<td>Daily</td>
<td>Within normal range of 1.5 to 8.0 inches of water</td>
</tr>
</tbody>
</table>

These monitoring conditions are necessary because the each of the dust collectors controlling particulate emissions from the hammer mill, hot top sanders, and cutting operation must operate properly to assure compliance with 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes), 326 IAC 2-2 Prevention of Significant Deterioration (PSD) and 326 IAC 2-8 (FESOP).

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 March 15, 2019.

The construction and operation of this source shall be subject to the conditions of the attached proposed New Source Construction and FESOP No. F 091-41208-00163. The staff recommends to the Commissioner that the New Source Construction and FESOP be approved.

IDEM Contact

(a) If you have any questions regarding this permit, please contact Neelnayana Kalita, 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) 233-4972 or (800) 451-6027, and ask for Aida DeGuzman or (317) 233-4972.

(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 Air Permits page on the Internet at: http://www.in.gov/idem/airquality/2356.htm; and the Citizens' Guide to IDEM on the Internet at: http://www.in.gov/idem/6900.htm.
## Emission Calculations

### Emission Summary - PTE

**Company Name:** Insulation Specialties of America Inc  
**Source Address:** 1095 Kabert Dr, Wanatah, IN 46390  
**Permit Number:** F091-41208-00163  
**Reviewer:** Neelnayana Kalita/Aida DeGuzman

### Uncontrolled Potential to Emit (tons/year)

<table>
<thead>
<tr>
<th>Unit</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Total HAPs</th>
<th>Worst Case HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>150.17</td>
<td>150.17</td>
<td>150.17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>300.34</td>
<td>300.34</td>
<td>300.34</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting Room</td>
<td>69.08</td>
<td>69.08</td>
<td>69.08</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Ovens</td>
<td>0.099</td>
<td>0.396</td>
<td>0.396</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
<td>-</td>
<td>0.10</td>
<td>0.09</td>
</tr>
<tr>
<td>Mix Deck</td>
<td>0.012</td>
<td>0.005</td>
<td>0.005</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Non-Fugitive Emissions</strong></td>
<td><strong>519.70</strong></td>
<td><strong>519.99</strong></td>
<td><strong>519.99</strong></td>
<td><strong>0.03</strong></td>
<td><strong>5.21</strong></td>
<td><strong>0.29</strong></td>
<td><strong>0.00</strong></td>
<td><strong>0.10</strong></td>
<td><strong>0.09</strong></td>
</tr>
<tr>
<td>Paved Roads &amp; Unpaved Roads (Fugitive Emissions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Sourcewide Emissions</strong></td>
<td><strong>519.70</strong></td>
<td><strong>519.99</strong></td>
<td><strong>519.99</strong></td>
<td><strong>0.03</strong></td>
<td><strong>5.21</strong></td>
<td><strong>0.29</strong></td>
<td><strong>0.00</strong></td>
<td><strong>0.10</strong></td>
<td><strong>0.09</strong></td>
</tr>
</tbody>
</table>

### Limited Potential to Emit (tons/year)

<table>
<thead>
<tr>
<th>Unit</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Total HAPs</th>
<th>Worst Case HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill</td>
<td>28.53</td>
<td>28.53</td>
<td>28.53</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hot Top Sanders</td>
<td>57.07</td>
<td>57.07</td>
<td>57.07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting Room</td>
<td>13.12</td>
<td>13.12</td>
<td>13.12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Ovens</td>
<td>0.099</td>
<td>0.396</td>
<td>0.396</td>
<td>0.031</td>
<td>5.210</td>
<td>0.287</td>
<td>-</td>
<td>0.098</td>
<td>0.094</td>
</tr>
<tr>
<td>Mix Deck</td>
<td>0.012</td>
<td>0.005</td>
<td>0.005</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Non-Fugitive Emissions</strong></td>
<td><strong>98.83</strong></td>
<td><strong>99.12</strong></td>
<td><strong>99.12</strong></td>
<td><strong>0.031</strong></td>
<td><strong>5.210</strong></td>
<td><strong>0.287</strong></td>
<td><strong>0.000</strong></td>
<td><strong>0.098</strong></td>
<td><strong>0.094</strong></td>
</tr>
<tr>
<td>Paved Roads &amp; Unpaved Roads (Fugitive Emissions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Sourcewide Emissions</strong></td>
<td><strong>98.83</strong></td>
<td><strong>99.12</strong></td>
<td><strong>99.12</strong></td>
<td><strong>0.03</strong></td>
<td><strong>5.21</strong></td>
<td><strong>0.29</strong></td>
<td><strong>0.00</strong></td>
<td><strong>0.10</strong></td>
<td><strong>0.09</strong></td>
</tr>
</tbody>
</table>
### Emission Summary - PTE

**Company Name:** Insulation Specialties of America Inc  
**Source Address:** 1095 Kabert Dr, Wanatah, IN 46390  
**Permit Number:** F091-41208-00163  
**Reviewer:** Neelnayana Kalita/Aida DeGuzman

#### Emissions Source & Collection Devices

<table>
<thead>
<tr>
<th>Emissions Source &amp; Collection Devices</th>
<th>Air Flow Rate (cfm)</th>
<th>Control Efficiency (%)</th>
<th>Outlet Grain Loading (Gr/Dscf)</th>
<th>Controlled PTE PM/PM10/PM2.5 tons/year</th>
<th>Uncontrolled PTE PM/PM10/PM2.5 tons/year</th>
<th>Limited PTE PM/PM10/PM2.5 Based on 81% Control Efficiency of Baghouses (tons/year)</th>
<th>Limited PTE PM/PM10/PM2.5 Based on 81% Control Efficiency of Baghouses (pounds/hour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammer Mill Dust Collector</td>
<td>4,000</td>
<td>99.5</td>
<td>0.005</td>
<td>0.75</td>
<td>150.17</td>
<td>28.53</td>
<td>6.53</td>
</tr>
<tr>
<td>Hot Top Sanders Dust Collector</td>
<td>8,000</td>
<td>99.5</td>
<td>0.005</td>
<td>1.50</td>
<td>300.34</td>
<td>57.07</td>
<td>13.03</td>
</tr>
<tr>
<td>Cutting Room Dust Collector</td>
<td>9,200</td>
<td>99.5</td>
<td>0.001</td>
<td>0.35</td>
<td>69.08</td>
<td>13.12</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>2.60</strong></td>
<td></td>
<td></td>
<td><strong>519.59</strong></td>
<td><strong>98.72</strong></td>
<td></td>
<td><strong>22.54</strong></td>
</tr>
</tbody>
</table>

No stack testing will be required for the hammermill, hot top sanders, and cutting operation baghouses since each control is not needed to operate at maximum design efficiency of 99.5% to stay below the Part 70 major source threshold of 100 tons/year. Further, all the dust (fiber and colloidal silica) collected from these baghouses is returned back into the system as part of the raw materials, but are not considered integral to the process.

**Methodology:**

Controlled PTE, tons/yr = air flow rate (cubic feet/minute) x outlet grainloading (grain/dry standard cubic feet) x 60 minutes/hour x 8760 hours/year x pound/7000 grains x ton/2000 pounds

Uncontrolled PTE, tons/yr = Controlled PTE, tons/yr/(1-control efficiency)
Appendix A: Emission Calculations

Company Name: Insulation Specialties of America Inc
Source Address: 1065 Kabert Dr, Wanatah, IN 46390
Permit Number: F9SI-41206-00163
Reviewer: Neelnayana Kalita/Aida DeGuzman

### Natural Gas-fired Ovens

<table>
<thead>
<tr>
<th>Oven Name</th>
<th>Burner Rating (MMBTU/hr)</th>
<th>Regulatory Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oven #3</td>
<td>1.500</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #4</td>
<td>1.200</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #5</td>
<td>1.200</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #6</td>
<td>0.800</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #7</td>
<td>0.467</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #8</td>
<td>0.467</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #9</td>
<td>0.467</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #10</td>
<td>0.467</td>
<td>Exempt</td>
</tr>
<tr>
<td>Continuous Oven</td>
<td>3.500</td>
<td>Exempt</td>
</tr>
<tr>
<td>Oven #11</td>
<td>0.500</td>
<td>Exempt</td>
</tr>
<tr>
<td>High Fire Oven</td>
<td>1.000</td>
<td>Exempt</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12.134</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Heat Input Capacity

<table>
<thead>
<tr>
<th>Heat Input Capacity</th>
<th>mMBtu</th>
<th>Potential Throughput</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12.1</td>
<td>1020</td>
</tr>
<tr>
<td></td>
<td></td>
<td>104.2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM*</th>
<th>PM10*</th>
<th>direct PM2.5*</th>
<th>SO2</th>
<th>NOx</th>
<th>VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>1.9</td>
<td>7.6</td>
<td>7.6</td>
<td>0.6</td>
<td>100</td>
<td>5.5</td>
</tr>
<tr>
<td>Potential Emission in tons/yr</td>
<td>0.10</td>
<td>0.40</td>
<td>0.40</td>
<td>0.03</td>
<td>5.21</td>
<td>0.29</td>
</tr>
</tbody>
</table>

**PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined. PM2.5 emission factor is filterable and condensable PM2.5 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
- 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
- Potential Throughput (MMCF) = Heat Input Capacity (MMBTU/hr) x 8,760 hrs/yr x 1 MMCF/1,020 MMBtu
- Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

### Hazardous Air Pollutants (HAPs)

#### HAPs - Organics

<table>
<thead>
<tr>
<th>HAPs - Organics</th>
<th>Benzene</th>
<th>Dichlorobenzene</th>
<th>Formaldehyde</th>
<th>Hexane</th>
<th>Toluene</th>
<th>Total - Organics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>0.00</td>
<td>0.00</td>
<td>0.08</td>
<td>1.80</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Potential Emission in tons/yr</td>
<td>0.0001</td>
<td>0.0001</td>
<td>0.0039</td>
<td>0.0038</td>
<td>0.0002</td>
<td>0.10</td>
</tr>
</tbody>
</table>

#### HAPs - Metals

<table>
<thead>
<tr>
<th>HAPs - Metals</th>
<th>Lead</th>
<th>Cadmium</th>
<th>Chromium</th>
<th>Manganese</th>
<th>Nickel</th>
<th>Total - Metals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>0.001</td>
<td>0.001</td>
<td>0.001</td>
<td>0.000</td>
<td>0.002</td>
<td>0.003</td>
</tr>
<tr>
<td>Potential Emission in tons/yr</td>
<td>0.00003</td>
<td>0.00006</td>
<td>0.00007</td>
<td>0.00002</td>
<td>0.00011</td>
<td>0.0003</td>
</tr>
</tbody>
</table>

Methodology is the same as above.

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

Additional HAPs emission factors are available in AP-42, Chapter 1.4.
### PAVED ROAD EMISSIONS ESTIMATE

**Equation (2): AP-42 13.2.1 Paved Roads**

\[ EF = k \cdot (sL)^{0.91} \cdot W^{1.02} \cdot (1 - (P/4N)) \]

**Where:**
- \( EF \) = Emission Factor lbs/VMT
- \( k \) = Particle Size Multiplier for Paved Road Equation
- \( sL \) = Road Surface Silt Loading (grams per square meter (g/m²))
- \( W \) = Average weight (tons) of vehicles traveling the road.
- \( P \) = Number of days with at least 0.01 in of precipitation during averaging period.
- \( N \) = Number of days in the averaging period (e.g., 365 for annual).

#### Table 13.2.1-1. Particle Size Multipliers for Paved Road Equation (k)

<table>
<thead>
<tr>
<th>Size Range</th>
<th>PM2.5</th>
<th>PM10</th>
<th>PM15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.0054</td>
<td>0.0022</td>
<td>0.0027</td>
</tr>
</tbody>
</table>

#### Table 13.2.1-2. Ubiquitous Silt Loading Default Values (sL)

<table>
<thead>
<tr>
<th>ADT Category</th>
<th>Ubiquitous Baseline g/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 500</td>
<td>0.6</td>
</tr>
</tbody>
</table>

**Total Vehicle Miles Traveled for Paved Road**

<table>
<thead>
<tr>
<th>Basis</th>
<th>Value</th>
<th>Units</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily number of trucks</td>
<td>8</td>
<td>truck/day</td>
<td>Estimate</td>
</tr>
<tr>
<td>Length of paved road</td>
<td>0.083</td>
<td>miles</td>
<td>Google Earth estimate</td>
</tr>
<tr>
<td>Number of trips on road</td>
<td>2</td>
<td>trip/truck</td>
<td>In and Out</td>
</tr>
</tbody>
</table>

**Fugitive Emissions Calculations for Paved Road**

<table>
<thead>
<tr>
<th>Particle Size Multiplier for Paved Road Equation (k)</th>
<th>Value</th>
<th>Units</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM2.5 VMT</td>
<td>0.0054</td>
<td>lbs PM2.5/VMT</td>
<td>AP-42, Table 13.2.1-1</td>
</tr>
<tr>
<td>PM2.5 0.0022</td>
<td>lbs PM2.5/VMT</td>
<td>AP-42, Table 13.2.1-2</td>
<td></td>
</tr>
<tr>
<td>PM15 0.0027</td>
<td>lbs PM15/VMT</td>
<td>AP-42, Table 13.2.1-2</td>
<td></td>
</tr>
</tbody>
</table>

**Mean Vehicle Weight (W)**

| Mean Vehicle Weight | 25.0 | tons | Estimate |

**Number of wet days per year (P)**

| Number of wet days per year | 150  | days/year | AP-42, Figure 13.2.1-2 |

**Number of days in averaging period (N)**

| Number of days in averaging period | 365 days/year | PTE number of days in averaging period |

**Total miles traveled**

| Total miles traveled | 484.72 miles/year | Based on segment distance and number of trips |

**Paved Road Emissions for PM2.5 and PM10**

<table>
<thead>
<tr>
<th>PM2.5 VMT</th>
<th>PM10</th>
<th>PM15</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.16531</td>
<td>0.0182</td>
<td>0.0080</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PM2.5 VMT</th>
<th>PM10</th>
<th>PM15</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0546</td>
<td>0.008</td>
<td>0.002</td>
</tr>
</tbody>
</table>

**Paved & Unpaved Road Emissions**

<table>
<thead>
<tr>
<th>PM2.5 VMT</th>
<th>PM10</th>
<th>PM15</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.16531</td>
<td>0.0182</td>
<td>0.0080</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PM2.5 VMT</th>
<th>PM10</th>
<th>PM15</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0546</td>
<td>0.008</td>
<td>0.002</td>
</tr>
</tbody>
</table>
Appendix A: Emission Calculations

Mix Deck Calculations

Company Name: Insulation Specialties of America Inc
Source Address: 1095 Kabert Dr, Wanatah, IN 46390
Permit Number: F091-41208-00163
Reviewer: Neelnayana Kalita/Aida DeGuzman

| PM    | 0.01  |
| PM10  | 0.004 |
| PM2.5 | 0.004 |

AP-42 Table 11.24-2 Emission Factors For Metallic Minerals Processing Material Handling and Transfer (lb/ton)

<table>
<thead>
<tr>
<th>Material Addition (max lb/batch)</th>
<th>116 Max bagged mat'l added per batch (lbs/batch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mix # of batches per 10 hr. shift</td>
<td>46 batches per 10 hr shift</td>
</tr>
<tr>
<td>Hours per shift</td>
<td>10 hrs/shift</td>
</tr>
<tr>
<td>Hours per year</td>
<td>8,760 PTE hrs/yr</td>
</tr>
<tr>
<td>Max # of batches per 8760 hr. year</td>
<td>40,296 Batches/yr</td>
</tr>
<tr>
<td>Dry Material Throughput (tons/yr)</td>
<td>2,337.2 tons bagged mat'l/yr</td>
</tr>
<tr>
<td>PM Emissions (lbs/yr)</td>
<td>23.37 lbs PM/yr</td>
</tr>
<tr>
<td>PM10 Emissions (lbs/yr)</td>
<td>9.35 lbs PM10/yr</td>
</tr>
<tr>
<td>PM2.5 Emissions (lbs/yr)</td>
<td>9.35 lbs PM2.5/yr</td>
</tr>
</tbody>
</table>
October 17, 2019

Donald Somers
Insulation Specialties of America Inc
1095 Kabert Dr
Wanatah, IN 46390

Re: Public Notice
Insulation Specialties of America Inc
Permit Level: FESOP New Source Construction
(Minor PSD/EO) (120)

Dear Donald Somers:

Enclosed is a copy of your draft FESOP New Source Construction (Minor PSD/EO) (120), Technical Support Document, emission calculations, and the Public Notice.

The Public Notice period will begin the date the Notice is published on the IDEM Official Public Notice website. Publication has been requested and is expected within 2-3 business days. You may check the exact Public Notice begins and ends date here: https://www.in.gov/idem/5474.htm

Please note that as of April 17, 2019, IDEM is no longer required to publish the notice in a newspaper.

OAQ has submitted the draft permit package to the Wanatah Public Library, 114 S Main St in Wanatah IN 46390. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

Please review the enclosed documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Aida DeGuzman, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 3-4972 or dial (317) 233-4972.

Sincerely,

L. Pigott

L. Pigott
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover Letter 4/12/19
October 17, 2019

To:     Wanatah Public Library 114 S Main St Wanatah IN 46390 (Library)

From:   Jenny Acker, Branch Chief
        Permits Branch
        Office of Air Quality

Subject: Important Information to Display Regarding a Public Notice for an Air Permit

Applicant Name: Insulation Specialties of America Inc
Permit Number: 091-41208-00163

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. Please make this information readily available until you receive a copy of the final package.

If you have any questions concerning this public review process, please contact Joanne Smiddle-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185. Questions pertaining to the permit itself should be directed to the contact listed on the notice.

Enclosures
PN Library updated 4/2019
Notice of Public Comment

October 17, 2019
Insulation Specialties of America Inc
091-41208-00163

Dear Concerned Citizen(s):

You have been identified as someone who could potentially be affected by this proposed air permit. The Indiana Department of Environmental Management, in our ongoing efforts to better communicate with concerned citizens, invites your comment on the draft permit.

Enclosed is a Notice of Public Comment, which has posted on IDEM’s Public Notice website at https://www.in.gov/idem/5474.htm.

The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana’s Air Permitting Program.

Please Note: If you feel you have received this Notice in error, or would like to be removed from the Air Permits mailing list, please contact Patricia Pear with the Air Permits Administration Section at 1-800-451-6027, ext. 3-6875 or via e-mail at PPEAR@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.
Mail Code 61-53

<table>
<thead>
<tr>
<th>Line</th>
<th>Article Number</th>
<th>Name, Address, Street and Post Office Address</th>
<th>Postage</th>
<th>Handing Charges</th>
<th>Act. Value (If Registered)</th>
<th>Insured Value</th>
<th>Due Send if COD</th>
<th>R.R. Fee</th>
<th>S.D. Fee</th>
<th>S.H. Fee</th>
<th>Rest. Del. Fee</th>
<th>Remarks</th>
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<td>1</td>
<td></td>
<td>Donald Somers Insulation Specialties of America Inc 1095 Kabert Dr Wanatah IN 46390 (Source CAATS)</td>
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<td>2</td>
<td></td>
<td>LaPorte City Council/ Mayors Ofc. 801 Michigan Avenue LaPorte IN 46350 (Local Official)</td>
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<td>LaPorte County Commissioners 555 Michigan Avenue # 202 LaPorte IN 46350 (Local Official)</td>
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<td>LaPorte County Health Department County Complex, 4th Floor, 809 State St. LaPorte IN 46350-3329 (Health Department)</td>
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<td>5</td>
<td></td>
<td>Mr. Dick Paulen Barnes &amp; Thomburg 52700 Independence Court, Suite 150 Elkhart IN 46514-8155 (Affected Party)</td>
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<td>Patrick M Gorman Environmental Process Technologies, Inc. 9132 Indianapolis Blvd. Highland IN 46322 (Consultant)</td>
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<td>Jeff Mayes News-Dispatch 422 Franklin St Michigan City IN 46360 (Affected Party)</td>
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<td>Marcia Santacaterina 12172 S 1100 W Wanatah IN 46390 (Affected Party)</td>
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<td>Bailey Gerald 17477 S 850 W Wanatah IN 46390 (Affected Party)</td>
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<td>Wanatah DG Properties 8436 W 400 N Sullivan IN 47882 (Affected Party)</td>
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<td>Scott Marvel 17656 S 1050 W Wanatah IN 46390 (Affected Party)</td>
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<td>Guse Donald &amp; Beverly Trustees Trust PO BOX 81 Wanatah IN 46390 (Affected Party)</td>
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<td>Wanatah Public Library 114 S Main St Wanatah IN 46390 (Library)</td>
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The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is $50,000 per piece subject to a limit of $50,000 per occurrence. The maximum indemnity payable on Express mail merchandise insurance is $500. The maximum indemnity payable is $25,000 for registered mail, sent with optional postal insurance. See *Domestic Mail Manual* R900, S913, and S921 for limitations of coverage on insured and COD mail. See *International Mail Manual* for limitations of coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.