NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding the Transition of a Minor Source Operating Permit (MSOP) to a Part 70 Operating Permit for Ardagh Metal Beverage USA Inc. in Porter County

Part 70 Operating Permit No.: T127-41793-00030

The Indiana Department of Environmental Management (IDEM) has received an application from Ardagh Metal Beverage USA Inc., located at 4001 Montdale Park Drive, Valparaiso, Indiana, for a new source review and Part 70 Operating Permit. If approved by IDEM’s Office of Air Quality (OAQ), this proposed permit would allow Ardagh Metal Beverage USA Inc. to make certain changes at its existing source and to continue to operate its existing source. Ardagh Metal Beverage USA Inc. has applied to modify can end manufacturing line, identified as Module #6, and transition its operating permit from a MSOP to a Part 70 Operating Permit.

The applicant intends to construct and operate new equipment that will emit air pollutants; therefore, the permit contains new or different permit conditions. In addition, some conditions from previously issued permits/approvals have been corrected, changed, or removed. These corrections, changes, and removals may include Title I changes (e.g. changes that add or modify synthetic minor emission limits). IDEM has reviewed this application and has developed preliminary findings, consisting of a draft permit and several supporting documents, which would allow the applicant to make this change.

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

Valparaiso Public Library
103 Jefferson Street
Valparaiso, IN 46383

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 T127-41793-00030 in all correspondence.

Comments should be sent to:

Donald McQuigg
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Donald McQuigg or (317) 234-4240
Or dial directly: (317) 234-4240
Fax: (317) 232-6749 attn: Donald McQuigg
E-mail: dmcquigg@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 Donald McQuigg of my staff at the above address.

Josiah K. Balogun, Section Chief
Permits Branch
Office of Air Quality
Ardagh Metal Beverage USA Inc.
4001 Montdale Park Drive
Valparaiso, Indiana 46383

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

<table>
<thead>
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</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Issued by: Josiah K. Balogun, Section Chief</td>
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<tr>
<td>Permits Branch</td>
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<tr>
<td>Office of Air Quality</td>
</tr>
<tr>
<td>Issuance Date:</td>
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<tr>
<td>Expiration Date:</td>
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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 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]**

The Permittee owns and operates a stationary can end manufacturing plant.

<table>
<thead>
<tr>
<th>Source Address:</th>
<th>4001 Montdale Park Drive, Valparaiso, Indiana 46383</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Source Phone Number:</td>
<td>(219) 462-4843</td>
</tr>
<tr>
<td>SIC Code:</td>
<td>3411 (Metal Cans)</td>
</tr>
<tr>
<td>County Location:</td>
<td>Porter</td>
</tr>
<tr>
<td>Source Location Status:</td>
<td>Nonattainment for 8-hour ozone standard</td>
</tr>
<tr>
<td>Source Status:</td>
<td>Part 70 Operating Permit Program, Major Source, under Emission Offset Rules</td>
</tr>
</tbody>
</table>

**A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)]**

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

(a) One (1) can end manufacturing line, constructed in 1989, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and four (4) conversion presses, with a maximum capacity of 520,000 ends per hour, with no controls, exhausting to the atmosphere.

(b) One (1) can end manufacturing line, constructed in 1989, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(c) One (1) can end manufacturing line, constructed in 1989, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(d) One (1) can end manufacturing line, constructed in 1989, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(e) One (1) can end manufacturing line, constructed in 2000, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a maximum capacity of 150,000 ends per hour, with no controls, and exhausting to the atmosphere.

(f) One (1) can end manufacturing line, identified as Module #6, constructed in 2018, consisting of one (1) shell blanking press, eight (8) curlers, identified as #1-#8, two (2) lid
liners, tab lube application, and one (1) conversion press, identified as CP-61, with a maximum capacity of 180,000 ends per hour and modified with one (1) conversion press, identified as CP-62, approved in 2019 for construction, with a maximum capacity of 180,000 ends per hour, both with no controls, exhausting to the atmosphere.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1(21) that have applicable requirements.

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

(1) one (1) natural gas-fired air make-up unit rated at 1,878,000 Btu/hr; and

(2) sixteen (16) natural gas-fired direct heating units, each rated at 250,000 Btu/hr.

(b) Propane or liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six (6) million Btu per hour.

(c) Vessels storing lubricating oils (including tab lube), hydraulic oils, machining oils and machining fluids.

(d) Particulate emissions from recycled trim material recovery.

(e) South Cooling Tower; induced draft, 480 gal/min.

(f) North Cooling Tower; induced draft, 600 gal/min.

(g) Blowdown from sight glasses, boilers, cooling towers, compressors, and pumps.

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

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

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).
SECTION B GENERAL CONDITIONS

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]
(a) This permit, T127-41793-00030, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]
Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:
(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7] [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.5 Severability [326 IAC 2-7-5(5)]
The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]
This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]
(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.
B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

(a) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:

(1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), 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) A "responsible official" is defined at 326 IAC 2-7-1(35).

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

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source’s compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. 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 April 15 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

and

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

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

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

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

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)] [326 IAC 1-6-3]

(a) 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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

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

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

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

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

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

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQor Northern 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
   Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

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

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

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

   The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

   (A) A description of the emergency;

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

   (C) Corrective actions taken.

   The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

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

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

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have known to be false, at the time the information was submitted.

(d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

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

(a) All terms and conditions of permits established prior to T127-41793-00030 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised under 326 IAC 2-7-10.5, or

(3) deleted under 326 IAC 2-7-10.5.

(b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

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

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

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

### B.16 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

### B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

B.18 Permit Revision Under Economic Incentives and Other Programs
[326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]

(a) No Part 70 permit revision or notice shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (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 preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

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

(4) The Permittee notifies the:

Indiana Department of Environmental Management
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 2-7-20(b)(1) and (c)(1). The Permittee shall make such records available, upon reasonable request, for public review.

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

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(37)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

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

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

(3) Any change in emissions; and

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

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) Emission Trades [326 IAC 2-7-20(c)]

The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]

The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ or U.S. EPA is required.

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

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.
B.21 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

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

(a) Enter upon the Permittee’s premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

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

Indiana Department of Environmental Management
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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

SOURCE OPERATION CONDITIONS

| Entire Source |

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

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

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

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (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.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

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

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

The Permittee shall not operate an incinerator 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.5 Fugitive Dust Emissions [326 IAC 6-4]

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

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.
Testing Requirements [326 IAC 2-7-6(1)]

C.7 Performance Testing [326 IAC 2-7-6(1)]

(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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.8 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.9 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. 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 2-7-5][326 IAC 2-7-6]

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

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

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

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

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

no later than ninety (90) days after the date of issuance of this permit.

The ERP does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.12 Risk Management Plan [326 IAC 2-7-5(11)] [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.13 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]
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.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall 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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

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<tr>
<th>C.15</th>
<th>Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:</td>
</tr>
<tr>
<td>(1)</td>
<td>Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);</td>
</tr>
<tr>
<td>(2)</td>
<td>Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(33) (&quot;Regulated pollutant, which is used only for purposes of Section 19 of this rule&quot;) from the source, for purpose of fee assessment.</td>
</tr>
</tbody>
</table>

The statement must be submitted to:

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

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

<table>
<thead>
<tr>
<th>C.16</th>
<th>General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6][326 IAC 2-2][326 IAC 2-3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>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:</td>
</tr>
<tr>
<td></td>
<td>(AA) All calibration and maintenance records.</td>
</tr>
<tr>
<td></td>
<td>(BB) All original strip chart recordings for continuous monitoring instrumentation.</td>
</tr>
<tr>
<td></td>
<td>(CC) Copies of all reports required by the Part 70 permit.</td>
</tr>
</tbody>
</table>

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) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(yy)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

(1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, document and maintain the following records:

(A) A description of the project.

(B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.

(C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:

(i) Baseline actual emissions;

(ii) Projected actual emissions;

(iii) Amount of emissions excluded under section 326 IAC 2-2-1(pp)(2)(A)(iii) and/or 326 IAC 2-3-1 (kk)(2)(A)(iii); and

(iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.

(d) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(yy)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:
(1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and

(2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.17 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2][326 IAC 2-3]

(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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). 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.

(e) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (oo) and/or 326 IAC 2-3-1 (jj)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in
326 IAC 2-2-1 (ww) and/or 326 IAC 2-3-1 (pp), for that regulated NSR pollutant, and

(2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).

(f) The report for project at an existing emissions unit shall be submitted no later than sixty (60) days after the end of the year and contain the following:

(1) The name, address, and telephone number of the major stationary source.

(2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

(4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part 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

(g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

**Stratospheric Ozone Protection**

C.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) can end manufacturing line, constructed in 1989, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and four (4) conversion presses, with a maximum capacity of 520,000 ends per hour, with no controls, exhausting to the atmosphere.

(b) One (1) can end manufacturing line, constructed in 1989, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(c) One (1) can end manufacturing line, constructed in 1989, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(d) One (1) can end manufacturing line, constructed in 1989, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(e) One (1) can end manufacturing line, constructed in 2000, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a maximum capacity of 150,000 ends per hour, with no controls, and exhausting to the atmosphere.

(f) One (1) can end manufacturing line, identified as Module #6, constructed in 2018, consisting of one (1) shell blanking press, eight (8) curlers, identified as #1-#8, two (2) lid liners, tab lube application, and one (1) conversion press, identified as CP-61, with a maximum capacity of 180,000 ends per hour and modified with one (1) conversion press, identified as CP-62, approved in 2019 for construction, with a maximum capacity of 180,000 ends per hour, both with no controls, exhausting to the atmosphere.

(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 2-7-5(1)]

D.1.1 Can Coating Operations (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b)(4) (Can Coating Operations), the emissions from the beverage can coating operations shall not discharge volatile organic compounds in excess of the following:

<table>
<thead>
<tr>
<th>Coating</th>
<th>lbs VOC per gallon excluding water</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Seal Coating</td>
<td>3.7</td>
</tr>
</tbody>
</table>

D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan (PMP) is required for this unit and its control device. Section B - Preventive Maintenance Plan contains the Permittee's obligations with regard to the preventive maintenance plan required by this condition.
Compliance Determination Requirements [326 IAC 2-7-5(1)]

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-4(a)(3)][326 IAC 8-1-2(a)]

Compliance with the VOC limitations contained in D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserved the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

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

D.1.4 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits established in Condition D.1.1.

Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

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

(2) The amount of coating material and solvent used on a monthly basis.

(A) Records shall include purchase orders, invoices, and safety data sheets (SDS) necessary to verify the type and amount used.

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

(3) The cleanup solvent usage for each month; and

(4) The total VOC usage for each month.

(b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.
SECTION D.2  EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(e) Particulate emissions from recycled trim material recovery.

(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 2-7-5(1)]

D.2.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the recycled trim material recovery equipment shall not exceed 0.551 pounds per hour when operating at a process weight rate of less than 100 pounds per hour.

D.2.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan (PMP) is required for this unit and its control device. Section B - Preventive Maintenance Plan contains the Permittee’s obligations with regard to the preventive maintenance plan required by this condition.
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: Ardagh Metal Beverage USA Inc.
Source Address: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
Part 70 Permit No.: T127-41793-00030

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter
☐ Test Result (specify) __________________________________________________________
☐ Report (specify) ______________________________________________________________
☐ Notification (specify) _________________________________________________________
☐ Affidavit (specify) ____________________________________________________________
☐ Other (specify) ________________________________________________________________

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

Signature: ______________________________________________________________
Printed Name: ____________________________
Title/Position: ______________________________
Phone: ____________________________
Date: ______________________________
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Ardagh Metal Beverage USA Inc.
Source Address: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
Part 70 Permit No.: T127-41793-00030

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 2-7-16.

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

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:
If any of the following are not applicable, mark N/A

<table>
<thead>
<tr>
<th>Date/Time Emergency started:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date/Time Emergency was corrected:</td>
</tr>
<tr>
<td>Was the facility being properly operated at the time of the emergency?</td>
</tr>
<tr>
<td>Type of Pollutants Emitted: TSP, PM-10, SO\textsubscript{2}, VOC, NO\textsubscript{x}, CO, Pb, other:</td>
</tr>
<tr>
<td>Estimated amount of pollutant(s) emitted during emergency:</td>
</tr>
<tr>
<td>Describe the steps taken to mitigate the problem:</td>
</tr>
<tr>
<td>Describe the corrective actions/response steps taken:</td>
</tr>
<tr>
<td>Describe the measures taken to minimize emissions:</td>
</tr>
</tbody>
</table>

If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: ________________________________________________
Title / Position: ____________________________________________________
Date: ____________________________________________________________
Phone: ____________________________________________________________
This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C - General Reporting. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

- **NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.**
- **THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD**

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

Form Completed by: _______________________________________________________
Title / Position: ___________________________________________________________
Date: ___________________________________________________________________
Phone: _________________________________________________________________
Source Name: Ardagh Metal Beverage USA Inc.
Source Location: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
County: Porter
SIC Code: 3411 (Metal Cans)
Operation Permit No.: T127-41793-00030
Permit Reviewer: Donald McQuigg

On August 15, 2019, Ardagh Metal Beverage USA Inc. submitted an application to the Office of Air Quality (OAQ) requesting to modify can end manufacturing line, identified as Module #6, and transition of its operating permit from a MSOP to a Part 70 Operating Permit.

Existing Approvals

The source submitted an application for a Part 70 Operating Permit on August 15, 2019. At this time, this application is still under review. The source is operating under the following approvals:

(a) MSOP Renewal No. M127-40717-00030, issued on March 22, 2019; and
(b) Administrative Amendment No. 127-41258-00030, issued on April 18, 2019.

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

Due to this application, the source is transitioning from a MSOP to a Part 70 Operating Permit.

Emission Units and Pollution Control Equipment

The stationary source consists of the following permitted emission units:

(a) One (1) can end manufacturing line, constructed in 1989, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and four (4) conversion presses, with a maximum capacity of 520,000 ends per hour, with no controls, exhausting to the atmosphere.

(b) One (1) can end manufacturing line, constructed in 1989, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(c) One (1) can end manufacturing line, constructed in 1989, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(d) One (1) can end manufacturing line, constructed in 1989, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application,
and three (3) conversion presses, with a maximum capacity of 450,000 ends per hour, with no controls, exhausting to the atmosphere.

(e) One (1) can end manufacturing line, constructed in 2000, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a maximum capacity of 150,000 ends per hour, with no controls, and exhausting to the atmosphere.

(f) One (1) can end manufacturing line, identified as Module #6, constructed in 2018, consisting of one (1) shell blanking press, eight (8) curlers, identified as #1-#8, two (2) lid liners, tab lube application, and one (1) conversion press, identified as CP-61, with a maximum capacity of 180,000 ends per hour, with no controls, exhausting to the atmosphere.

### Insignificant Activities

<table>
<thead>
<tr>
<th>(a)</th>
<th>Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(1) one (1) natural gas-fired air make-up unit rated at 1,878,000 Btu/hr; and</td>
</tr>
<tr>
<td></td>
<td>(2) sixteen (16) natural gas-fired direct heating units, each rated at 250,000 Btu/hr.</td>
</tr>
<tr>
<td>(b)</td>
<td>Propane or liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six (6) million Btu per hour.</td>
</tr>
<tr>
<td>(c)</td>
<td>Vessels storing lubricating oils (including tab lube), hydraulic oils, machining oils and machining fluids.</td>
</tr>
<tr>
<td>(d)</td>
<td>Particulate emissions from recycled trim material recovery.</td>
</tr>
<tr>
<td>(e)</td>
<td>South Cooling Tower; induced draft, 480 gal/min.</td>
</tr>
<tr>
<td>(f)</td>
<td>North Cooling Tower; induced draft, 600 gal/min.</td>
</tr>
<tr>
<td>(g)</td>
<td>Blowdown from sight glasses, boilers, cooling towers, compressors, and pumps.</td>
</tr>
</tbody>
</table>
County Attainment Status

The source is located in Porter County.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO\textsubscript{2}</td>
<td>Cannot be classified for the area bounded on the north by Lake Michigan; on the west by the Lake County and Porter County line; on the south by I-80 and I-90; and on the east by the LaPorte County and Porter County line. The remainder of Porter County is better than national standards.</td>
</tr>
<tr>
<td>CO</td>
<td>Unclassifiable or attainment effective November 15, 1990.</td>
</tr>
<tr>
<td>O\textsubscript{3}</td>
<td>Serious nonattainment effective September 23, 2019, for the 2008 8-hour ozone standard\textsuperscript{1}.</td>
</tr>
<tr>
<td>PM\textsubscript{2.5}</td>
<td>Unclassifiable effective April 15, 2015, for the 2012 annual PM\textsubscript{2.5} standard.</td>
</tr>
<tr>
<td>PM\textsubscript{2.5}</td>
<td>Unclassifiable or attainment effective December 13, 2009, for the 2006 24-hour PM\textsubscript{2.5} standard.</td>
</tr>
<tr>
<td>PM\textsubscript{10}</td>
<td>Unclassifiable effective November 15, 1990.</td>
</tr>
<tr>
<td>NO\textsubscript{2}</td>
<td>Unclassifiable or attainment effective January 29, 2012, for the 2010 NO\textsubscript{2} standard.</td>
</tr>
<tr>
<td>Pb</td>
<td>Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.</td>
</tr>
</tbody>
</table>

\textsuperscript{1}Nonattainment Severe 17 effective November 15, 1990, for the Chicago-Gary-Lake County area, including Porter County, for the 1-hour standard which was revoked effective June 15, 2005. The U. S. EPA has acknowledged in both the proposed and final rulemaking for this redesignation that the anti-backsliding provisions for the 1-hour ozone standard no longer apply as a result of the redesignation under the 8-hour ozone standard. Therefore, permits in Porter County are no longer subject to review pursuant to Emission Offset, 326 IAC 2-3 for the 1-hour standard.

(a) Ozone Standards
U.S. EPA, in the Federal Register Notice 84 FR 44238 dated August 23, 2019, designated Porter County as serious nonattainment for the 2008 8-hour ozone standard effective September 23, 2019. An emergency rulemaking for 326 IAC 1-4 is in process to adopt the U.S. EPA’s serious nonattainment designation for Lake and Porter County. The OAQ will rely on the serious nonattainment designation under 40 CFR 81.315 until the emergency rulemaking for 326 IAC 1-4 is effective. Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Therefore, VOC and NOx emissions were evaluated pursuant to the requirements of Emission Offset, 326 IAC 2-3.

(b) PM\textsubscript{2.5}
Porter County has been classified as attainment for PM\textsubscript{2.5}. Therefore, direct PM\textsubscript{2.5}, SO\textsubscript{2}, and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(c) Other Criteria Pollutants
Porter 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 (1) 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.

Source Status - Existing Source

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits. 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>Process/ Emission Unit</th>
<th>Source-Wide Emissions Prior to Modification (ton/year)</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 Single HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modules #1 - #4</td>
<td></td>
<td>9.27</td>
<td>9.27</td>
<td>9.27</td>
<td>0.0</td>
<td>0.0</td>
<td>83.1</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Module #5</td>
<td></td>
<td>0.74</td>
<td>0.74</td>
<td>0.74</td>
<td>0.0</td>
<td>0.0</td>
<td>6.67</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Module #6</td>
<td></td>
<td>0.89</td>
<td>0.89</td>
<td>0.89</td>
<td>0.0</td>
<td>0.0</td>
<td>8.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Facility-wide clean-up solvent</td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.51</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>NG Make-Up Air Unit</td>
<td></td>
<td>0.02</td>
<td>0.06</td>
<td>0.06</td>
<td>0.005</td>
<td>0.81</td>
<td>0.04</td>
<td>0.68</td>
<td>0.02</td>
<td>0.015 Hexane</td>
</tr>
<tr>
<td>LP and Propane Gas Combustion</td>
<td></td>
<td>0.06</td>
<td>0.20</td>
<td>0.20</td>
<td>0.01</td>
<td>3.73</td>
<td>0.29</td>
<td>2.15</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Welding Process</td>
<td></td>
<td>2.41</td>
<td>2.41</td>
<td>2.41</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.22</td>
<td>0.22 Manganese</td>
</tr>
<tr>
<td>Thermal Cutting Process</td>
<td></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</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</td>
<td></td>
<td>13.39</td>
<td>13.58</td>
<td>13.58</td>
<td>0.01</td>
<td>4.54</td>
<td>98.63</td>
<td>2.83</td>
<td>0.23</td>
<td>0.22 Manganese</td>
</tr>
<tr>
<td>Title V Major Source Thresholds</td>
<td></td>
<td>NA</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>50</td>
<td>50</td>
<td>100</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td></td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>NA</td>
<td>250</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Emission Offset Major Source Thresholds</td>
<td></td>
<td>-</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>50</td>
<td>50</td>
<td>NA</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
(a) The potential to emit (as defined in 326 IAC 2-7-1(30)) of VOC is equal to or greater than fifty (50) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7 and will be issued a Part 70 Operating Permit.

(b) This existing source is a major stationary source, under Emission Offset (326 IAC 2-3) because VOC, a nonattainment regulated pollutant, is emitted at a rate of fifty (50) tons per year or more.

(c) This existing source is not a major source of HAP, as defined in 40 CFR 63.2, because HAP emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

(d) These emissions are based on the TSD of MSOP Renewal No. M127-40717-00030, issued on March 22, 2019.

**Part 70 Permit Conditions**

This source is subject to the requirements of 326 IAC 2-7, because the source met the following:

(a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.

(b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

**Emission Units and Pollution Control Equipment Constructed Under the Provisions of 326 IAC 2-1.1-3 (Exemptions)**

As part of this permitting action, the source requested to add the following existing emission units constructed under the provisions of 326 IAC 2-1.1-3 (Exemptions):

(a) South Cooling Tower; induced draft, 480 gal/min

(b) North Cooling Tower; induced draft, 600 gal/min

The total potential to emit of the emission units is less than levels specified at 326 IAC 2-1.1-3(e)(1)(A) through (G) and the addition of the emission unit(s) did not require the source to transition to a higher operation permit level. Therefore, pursuant to 326 IAC 2-1.1-3(e), the modification approval requirements under 326 IAC 2-7-10.5, including the requirement to submit an application, do not apply to the emission unit(s). See Appendix A of this Technical Support Document for detailed emission calculations.

**Description of Proposed Modification**

The Office of Air Quality (OAQ) has reviewed an application, submitted by Ardagh Metal Beverage USA Inc. on August 15, 2019, relating to the construction of a new conversion press, identified as CP-62, as part of the can end manufacturing line, identified as Module #6, and transition of its operating permit from a MSOP to a Part 70 Operating Permit.

The following is a description of the modified emission unit:
(a) One (1) can end manufacturing line, identified as Module #6, constructed in 2018, consisting of
one (1) shell blanking press, eight (8) curlers, identified as #1-#8, two (2) lid liners, tab lube
application, and one (1) conversion press, identified as CP-61, with a maximum capacity of
180,000 ends per hour and modified with one (1) conversion press, identified as CP-62, approved
in 2019 for construction, with a maximum capacity of 180,000 ends per hour, both with no
controls, exhausting to the atmosphere.

As part of this permitting action, the following insignificant activities are being removed from the permit:

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs:
brazing equipment, cutting torches, soldering equipment and welding equipment. [326 IAC 6-3-2]
(b) Filling drums, pails or other packaging containers with lubricating oils, waxes and greases.

<table>
<thead>
<tr>
<th>Enforcement Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>There are no pending enforcement actions related to this proposed modification.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emission Calculations</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Appendix A of this Technical Support Document for detailed emission calculations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non- Aggregation Analysis</th>
</tr>
</thead>
</table>
| The planned construction of conversion press CP-62 will occur approximately one year after the
construction of Module #6 with conversion press CP-61 (authorized under administrative amendment
127-40718-00030, issued December 17, 2018). An analysis is therefore necessary to evaluate if the
projects are “substantially related” and are appropriately considered separate activities or one ‘project’
under PSD and Emission Offset review.

Although the duration of time between construction of Module #6/CP-61 and planned construction of CP-
62 is relatively short, these projects are neither technically dependant nor economically dependant on one
another, as described in detail below. Therefore, these projects are not “substantially related” and do not
need to be considered a single project for purposes of PSD or Emission Offset review.

Ardagh Metal Beverage USA Inc. (Ardagh) produces can ends to customer orders only and as such, is
best viewed as a “job shop”. Further, in can end manufacturing in general and at the Ardagh facility
specifically, the equipment is clustered into modules (or “mods”). These mods allow additional equipment
to be ‘bolted’ into the mod as stand-alone equipment. Two key pieces of equipment are the shell press
and the conversion press. Each mod has a single shell press but can have multiple conversion presses.
The shell press forms the shell of the can end and the conversion press forms the tab and places it on the
shell, thereby completing the can end. Finished can ends are shipped offsite to third party filling facilities
where the can end is secured to the can once filled.

The Module #6/CP-61 and CP-62 projects are not technically dependent on each other as the conversion
presses will operate separately. Each is dependent upon a shell press. Conversion Press CP-62 could
also be fed shells from Mod 3, so CP-62 is not fully dependent only the Mod 6 shell press. CP-62 will be
placed within the Mod 6 configuration where CP-61 is located because of space considerations and to
achieve the most efficient configuration. In addition, the potential production of the mod is based on the
on shell press speed and design parameters of the die in the shell press, not the number of conversion
presses in the mod. The shell press output is fixed, such that adding a conversion press does not change
it’s potential output. Therefore, the construction of CP-62 will not change the potential production of the
Mod #6 shell press.

The Module #6/CP-61 and CP-62 projects are not economically dependent on each other. Shortly after
capital was approved for the Module #6/CP-61 project, market factors that were previously not foreseen
materialized in very short order. Consumer demand rapidly increased for two products, seltzer water in 12-ounce cans and alcohol-based drinks in 12-ounce sleek cans, that are both supplied with can ends manufactured at the Ardagh facility. The rapid expansion of both market segments caught the industry by surprise. As the fillers sought to rapidly increase production, Ardagh began to receive a significant increase in orders for can lids beyond what was anticipated at the time the Module #6/CP-61 project was planned. Because of the modular design, Ardagh initiated through a separate planning process the plan to bolt on an additional conversion press to meet some of this new market demand. The return on investment of the Module #6/CP-61 project justified the implementation of this project given the level of demand at the time planning was initiated. The rapid increase in demand realized subsequent to the planning of the Module #6/CP-61 project has made the economics favorable for the CP-62 project.

### Permit Level Determination – Part 70 Modification to an Existing Source

Pursuant to 326 IAC 2-1.1-1(12), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. 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>Process / Emission Unit</th>
<th>PM</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}^1$</th>
<th>SO$_2$</th>
<th>NO$_X$</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP$^2$</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE Before Modification (Module #6)</td>
<td>0.89</td>
<td>0.89</td>
<td>0.89</td>
<td>-</td>
<td>-</td>
<td>7.983</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PTE After Modification (Module #6)</td>
<td>1.78</td>
<td>1.78</td>
<td>1.78</td>
<td>-</td>
<td>-</td>
<td>15.966</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
| $^1$PM$_{2.5}$ listed is direct PM$_{2.5}$.
$^2$Single highest HAP.  

Appendix A of this TSD reflects the detailed potential emissions of the modification.

### Permit Level Determination – PSD

The table below summarizes the potential to emit of the modification, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of the Part 70 source and/or permit modification 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 1: Project Emissions (ton/year)

<table>
<thead>
<tr>
<th>Process / Emission Unit</th>
<th>PM</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>SO$_2$</th>
<th>NO$_x$</th>
<th>VOC</th>
<th>CO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module #6 modification</td>
<td>0.89</td>
<td>0.89</td>
<td>0.89</td>
<td>-</td>
<td>-</td>
<td>NA</td>
<td>-</td>
</tr>
<tr>
<td>Total for Modification</td>
<td>0.89</td>
<td>0.89</td>
<td>0.89</td>
<td>-</td>
<td>-</td>
<td>NA</td>
<td>-</td>
</tr>
</tbody>
</table>

| PSD Major Source Thresholds | 250 | 250 | 250 | 250 | 250 | NA | 250 |

1PM$_{2.5}$ listed is direct PM$_{2.5}$.
2Addressed under Emission Offset

This modification to an existing minor PSD stationary source is not major because the emissions increase of each PSD regulated pollutant is less than the PSD major source threshold. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

### Permit Level Determination – Emission Offset

U.S. EPA has reclassified Lake and Porter Counties from "Moderate" nonattainment to "Serious" nonattainment for the 2008 Ozone National Ambient Air Quality Standards (NAAQS) effective September 23, 2019 (84 FR 44238). The table below addresses the modification to determine if it is subject to Emission Offset or if it is de minimis under 326 IAC 2-3.

### Table 2: Project PTE (tons/year)

<table>
<thead>
<tr>
<th>Process / Emission Unit</th>
<th>NO$_x$</th>
<th>VOC$^*$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline Actual Emissions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module #6$^*$</td>
<td>--</td>
<td>7.98</td>
</tr>
<tr>
<td>Potential Emissions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modified Module #6</td>
<td>--</td>
<td>15.96</td>
</tr>
<tr>
<td>Total Emissions Increase from Modification</td>
<td>--</td>
<td>7.98</td>
</tr>
</tbody>
</table>

$^*$Module #6 has no baseline actual emissions since it has existed for less than two (2) years from the date the emissions unit first operated as defined in 326 IAC 2-3-1(r)(1).

This modification to an existing major Emission Offset emits VOC above "zero". Therefore, this modification triggered de minimis test where emissions from the proposed modification are aggregated on a pollutant specific basis with all other net emissions increases from the source over a five (5) consecutive calendar year period prior to, and including, the year of the modification.

### De Minimis Test

Porter County is designated as a serious nonattainment area for the 2008 ozone National Ambient Air Quality Standards (NAAQS), effective September 23, 2019. Since Ardagh Metal Beverage USA Inc. is located in Porter County, the proposed modification must be evaluated to determine whether it is a minor modification under 326 IAC 2-3 by determining if the VOC emissions increase is de minimis, as defined by 326 IAC 2-3-1(p). “De minimis” means an increase that does not exceed twenty-five (25) tons per year when the net emissions increases from the proposed modification are aggregated on a pollutant specific
basis with all other net emissions increases from the source over a five (5) consecutive calendar year period prior to, and including, the year of the modification.

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Project</th>
<th>VOC (tons/year)</th>
<th>Baseline Actual</th>
<th>Potential Emissions (tons/year)</th>
<th>Net Emissions Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>2017</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>2018</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>2019</td>
<td>Module #6 can-end addition</td>
<td>7.98</td>
<td>7.98</td>
<td>7.98</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>Proposed Module #6 can-end Modification</td>
<td>--</td>
<td>7.98</td>
<td>7.98</td>
<td></td>
</tr>
</tbody>
</table>

Total Net Emission Increase: 15.96 tons/year

Emission Offset De Minimis level: 25 tons/year

* 5 Calendar year de minimis period between 1/1/2016 - 12/31/2020 is used.

Note: There are no NOx emissions changes that occurred at the source that are contemporaneous with the proposed project.

The VOC net emissions increase for the proposed project is less than twenty-five (25) tons per year, which is considered de minimis according to the definition specified at 326 IAC 2-3-1(p). Therefore, pursuant to 326 IAC 2-3-2(b)(1), this modification to an existing major stationary source is not subject to the requirements of 326 IAC 2-3, Emission Offset.

### PTE of the Entire Source After Issuance of the Part 70 Operating Permit

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 the Part 70 Operating Permit, 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>Process/ Emission Unit</th>
<th>Source-Wide Emissions After Issuance (ton/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PM</td>
</tr>
<tr>
<td>Modules #1 - #4</td>
<td>9.27</td>
</tr>
<tr>
<td>Module #5</td>
<td>0.74</td>
</tr>
<tr>
<td>Module #6</td>
<td>1.78</td>
</tr>
<tr>
<td>Facility-wide clean-up solvent</td>
<td>0.0</td>
</tr>
<tr>
<td>NG combustion: Make-Up Air Unit</td>
<td>0.02</td>
</tr>
<tr>
<td>LP and Propane Gas Combustion</td>
<td>0.06</td>
</tr>
<tr>
<td>NG combustion: 16 direct heaters</td>
<td>0.03</td>
</tr>
<tr>
<td>Process/Emission Unit</td>
<td>PM</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----</td>
</tr>
<tr>
<td>North Cooling Tower</td>
<td>0.03</td>
</tr>
<tr>
<td>South Cooling Tower</td>
<td>0.04</td>
</tr>
<tr>
<td><strong>Total PTE of Entire Source</strong></td>
<td>11.97</td>
</tr>
<tr>
<td>Title V Major Source Thresholds</td>
<td>NA</td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td>250</td>
</tr>
<tr>
<td>Emission Offset Major Source Thresholds</td>
<td>-</td>
</tr>
</tbody>
</table>

negl. = negligible

1 Under the Part 70 Permit program (40 CFR 70), PM$_{10}$ and PM$_{2.5}$, not particulate matter (PM), are each considered as a regulated air pollutant”.

2 PM$_{2.5}$ listed is direct PM$_{2.5}$.

3 Single highest HAP = hexane.

(a) This existing minor PSD stationary source will continue to be minor under 326 IAC 2-2 because the emissions of each PSD regulated pollutant will continue to be less than the PSD major source thresholds.

(b) This existing major Emission Offset stationary source will continue to be major under 326 IAC 2-3 because the emissions of the nonattainment pollutant(s), VOC, will continue to be equal to or greater than fifty (50) tons per year.

(c) This existing area source of HAP will continue to be an area source of HAP, as defined in 40 CFR 63.2, because HAP emissions will continue to be less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

**Federal Rule Applicability Determination**

Due to the modification at this source, federal rule applicability has been reviewed as follows:

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

(a) The requirements of the New Source Performance Standard for the Beverage Can Surface Coating Industry, 40 CFR 60, Subpart WW and 326 IAC 12, are not included in the permit for the Module #1 through Module #6 can end lines because this NSPS applies to the coating of beverage cans which is defined as any two-piece steel or aluminum container. Module #1 through Module #6 are used for manufacturing and coating of only beverage can ends.

(b) There are no other New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit for this permit.
National Emission Standards for Hazardous Air Pollutants (NESHAP):

(a) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (40 CFR Part 63, 326 IAC 14, and 326 IAC 20) included in the permit for this proposed modification.

Compliance Assurance Monitoring (CAM):

(a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to each pollutant-specific emission unit that meets the following criteria:

(1) has a potential to emit before controls equal to or greater than the major source threshold for the regulated pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant (or a surrogate thereof); and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

(b) Pursuant to 40 CFR 64.2(b)(1)(i), emission limitations or standards proposed after November 15, 1990 pursuant to a NSPS or NESHAP under Section 111 or 112 of the Clean Air Act are exempt from the requirements of CAM. Therefore, an evaluation was not conducted for any emission limitations or standards proposed after November 15, 1990 pursuant to a NSPS or NESHAP under Section 111 or 112 of the Clean Air Act.

There are no emission unit at this source that uses a control device, as defined in 40 CFR 64.1, to comply with an emission limitation or standard for a regulated pollutant.

Based on this evaluation, the requirements of 40 CFR Part 64, CAM, are not applicable to any of the emission units.

State Rule Applicability - Entire Source

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

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

This source is not a major stationary source, under PSD (326 IAC 2-2), because the emissions of each PSD regulated pollutant are less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply to the source. This source is a minor source under PSD.

The proposed project to this existing minor PSD stationary source is not major because the emissions increase of each PSD regulated pollutant is less than the PSD major source threshold. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply to the modification. PSD is discussed under the Permit Level Determination – PSD section of this document.

326 IAC 2-3 (Emission Offset)

This existing major Emission Offset stationary source will continue to be major under 326 IAC 2-3 because the emissions of the nonattainment pollutant, volatile organic compounds (VOC), will continue to be equal to or greater than fifty (50) tons per year.

The contemporaneous net VOC emissions increase for the proposed project is less than twenty-five (25) tons per year. Therefore, the increase is considered de minimis according to the definition specified at 326 IAC 2-3-1(p). Pursuant to 326 IAC 2-3-1(y) and 326 IAC 2-3-2(b), the proposed project is not considered a major modification and is not subject to the requirements of 325 IAC 2-3. Emission Offset applicability is discussed under the Permit Level Determination - Emission Offset Emissions Increase section of this document.
326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The provisions of 326 IAC 2-4.1 apply to any owner or operator who constructs or reconstructs a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.41, after July 27, 1997, unless the major source has been specifically regulated under or exempted from regulation under a NESHAP that was issued pursuant to Section 112(d), 112(h), or 112(j) of the Clean Air Act (CAA) and incorporated under 40 CFR 63. On and after June 29, 1998, 326 IAC 2-4.1 is intended to implement the requirements of Section 112(g)(2)(B) of the Clean Air Act (CAA).

(a) The operation of Module #6 can end line, modified by the addition of conversion press CP-62, 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 to the modification.

326 IAC 2-6 (Emission Reporting)
Since this source is located in Porter and has a potential to emit VOC greater than or equal to twenty-five (25) tons per year, an emission statement covering the previous calendar year must be submitted by July 1 of each year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 2-7-6(5) (Annual Compliance Certification)
The U.S. EPA Federal Register 79 FR 54978 notice does not exempt Title V Permittees from the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D), but the submittal of the Title V annual compliance certification to IDEM satisfies the requirement to submit the Title V annual compliance certifications to EPA. IDEM does not intend to revise any permits since the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D) still apply, but Permittees can note on their Title V annual compliance certifications that submission to IDEM has satisfied reporting to EPA per Federal Register 79 FR 54978. This only applies to Title V Permittees and Title V compliance certifications.

326 IAC 5-1 (Opacity Limitations)
This source is subject to the opacity limitations specified in 326 IAC 5-1-2(1)

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 Porter 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.

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State Rule Applicability – Individual Facilities

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

Natural gas combustion: one (1) air makeup unit and sixteen (16) direct heaters

326 IAC 7-1.1 Sulfur Dioxide Emission Limitations
This emission unit is not subject to 326 IAC 326 IAC 7-1.1 because it has a potential to emit sulfur dioxide (SO2) of less than twenty-five (25) tons per year or ten (10) pounds per hour.
326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Even though the one (1) air makeup unit and sixteen (16) direct heaters were each constructed after January 1, 1980, they are not subject to the requirements of 326 IAC 8-1-6 because each unit has an unlimited VOC potential emissions of less than twenty-five (25) tons per year.

Module #1 through Module #6 can end lines

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(7), the can end manufacturing lines, identified as Modules #1 through #6, are not subject to the requirements of 326 IAC 6-3 because each lining machine utilizes flow coating technique to apply a paste-like coating to the end seals.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Even though Module #1 through Module #6 can end lines were each constructed after January 1, 1980, they not subject to the requirements of 326 IAC 8-1-6 because the tab lube application in each can end line has an unlimited VOC potential emissions of less than twenty-five (25) tons per year.

326 IAC 8-2-3 (Can Coating Operations)
(a) Pursuant to 326 IAC 8-2-3(b)(4), the can end manufacturing lines, identified as Module #1 through Module #6, shall not cause, allow or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.7 pounds per gallon excluding water. The source will comply with this limitation through the use of a compliant coating.

(b) Pursuant to 326 IAC 8-2-3(b)(4), the application of tab lube is not subject to 326 IAC 8-2-3 because tab lube is not considered an "end seal compound".

326 IAC 8-2-9 (Miscellaneous Metal and Plastic Parts Coating Operations)
The application of tab lube in Module #1 through Module #6 can end lines is not subject to 326 IAC 8-2-9 because the tab lube is not used to coat the can ends; rather, it is applied to the conversion press tooling that forms the tabs in order to control heat generated.

Recycled trim material recovery process

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2(e) (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the recycled trim material recovery equipment shall not exceed 0.551 pounds per hour when operating at a process weight rate of less than 100 pounds per hour.

North and South Cooling Towers

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(14), each cooling tower is not subject to the requirements of 326 IAC 6-3 because each cooling tower has PM emissions that are less than 0.551 lbs/hr.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to assure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.
If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source’s failure to take the appropriate corrective actions within a specific time period.

(a) There are no new or modified compliance requirements included due to the proposed modification.

(b) Compliance with the VOC content and usage limitations applicable to Module #1 through Module #6 can end lines shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserved the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

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 August 15, 2019. Additional information was received on September 17, 2019.

The operation of this stationary can end manufacturing plant shall be subject to the conditions of the attached proposed Part 70 Operating Permit No.T127-41793-00030. The staff recommends to the Commissioner that the Part 70 Operating Permit be approved.

IDEM Contact

(a) If you have any questions regarding this permit, please contact Donald McQuigg, Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or by telephone at (317) 234-4240 or (800) 451-6027, and ask for Donald McQuigg or (317) 234-4240.

(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.
### Appendix A: Emission Calculations

#### Summary of Emissions

**Company Name:** Ardagh Metal Beverage USA Inc.  
**Address City IN Zip:** 4001 Montdale Park Drive, Valparaiso, Indiana 46383  
**Part 70 Operating Permit No.:** T127-41793-00030  
**Reviewer:** Donald McQuigg

#### Emission Units

<table>
<thead>
<tr>
<th>Emission Units</th>
<th>PM</th>
<th>PM&lt;sub&gt;10&lt;/sub&gt;</th>
<th>PM&lt;sub&gt;2.5&lt;/sub&gt;</th>
<th>SO&lt;sub&gt;2&lt;/sub&gt;</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP (hexane)</th>
<th>Total HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module #1</td>
<td>2.58</td>
<td>2.58</td>
<td>2.58</td>
<td>-</td>
<td>-</td>
<td>23.06</td>
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<td>-</td>
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<td>-</td>
<td>-</td>
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</tr>
<tr>
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<td>-</td>
<td>15.97</td>
<td>-</td>
<td>-</td>
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<td>Facility wide clean-up solvent</td>
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<td>0.51</td>
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</table>

#### Insignificant Activities

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<tr>
<th>Insignificant Activities</th>
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<th>PM&lt;sub&gt;10&lt;/sub&gt;</th>
<th>PM&lt;sub&gt;2.5&lt;/sub&gt;</th>
<th>SO&lt;sub&gt;2&lt;/sub&gt;</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP (hexane)</th>
<th>Total HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP/Propane Gas Combustion</td>
<td>0.06</td>
<td>0.20</td>
<td>0.20</td>
<td>0.01</td>
<td>3.73</td>
<td>0.29</td>
<td>2.15</td>
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<tr>
<td>NG combustion: Air Make Up Unit</td>
<td>0.02</td>
<td>0.06</td>
<td>0.06</td>
<td>0.005</td>
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<td>NG combustion: 16 Direct Heaters</td>
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<tr>
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<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>South Cooling Tower</td>
<td>0.04</td>
<td>0.03</td>
<td>0.01</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11.97</strong></td>
<td><strong>12.24</strong></td>
<td><strong>12.21</strong></td>
<td><strong>0.020</strong></td>
<td><strong>6.26</strong></td>
<td><strong>106.50</strong></td>
<td><strong>4.27</strong></td>
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<td><strong>0.05</strong></td>
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</table>
### Post-Project Module #6 Emissions \(^{a,b}\)

<table>
<thead>
<tr>
<th>Material</th>
<th>Density (lb/gal)</th>
<th>(\text{H}_2\text{O} + \text{Organics (wt %)})</th>
<th>Water (wt %)</th>
<th>Organics (wt %)</th>
<th>Water (vol %)</th>
<th>Organics (vol %)</th>
<th>Mat. Use (gal/1000 units)</th>
<th>Max. (unit/hr)</th>
<th>Coating, less Water (lb/gal) (lb/gal) (ton/yr) (lb/hr) (lb/hr) (ton/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can End Seal Compound - Water Based Material</td>
<td>10.3</td>
<td>34.00%</td>
<td>34.0%</td>
<td>0.0%</td>
<td>41.8%</td>
<td>58.00%</td>
<td>0.00</td>
<td>0.00</td>
<td>0.87 0.20 0.00 0.00 0.00</td>
</tr>
<tr>
<td>Tab Lube Lubricant (Tab is Part of the Can end)</td>
<td>6.35</td>
<td>88.60%</td>
<td>0.0%</td>
<td>88.6%</td>
<td>0.0%</td>
<td>11.40%</td>
<td>5.63</td>
<td>5.63</td>
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<tr>
<td><strong>Sub-Total for Proposed Conversion Press (CP-62)</strong></td>
<td></td>
<td></td>
<td></td>
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<td><strong>Pre-Project Module #6 Potential Emissions</strong></td>
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<td></td>
<td></td>
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<td><strong>Total Post-Project Module #6 Emissions</strong></td>
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<td><strong>1.78 0.41 3.65 15.97</strong></td>
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### Pre-Project Module #6 Emissions \(^{a,b}\)

<table>
<thead>
<tr>
<th>Material</th>
<th>Density (lb/gal)</th>
<th>(\text{H}_2\text{O} + \text{Organics (wt %)})</th>
<th>Water (wt %)</th>
<th>Organics (wt %)</th>
<th>Water (vol %)</th>
<th>Organics (vol %)</th>
<th>Mat. Use (gal/1000 units)</th>
<th>Max. (unit/hr)</th>
<th>Coating, less Water (lb/gal) (lb/gal) (ton/yr) (lb/hr) (lb/hr) (ton/yr)</th>
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<tbody>
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<td>0.00</td>
<td>0.00</td>
<td>0.87 0.20 0.00 0.00 0.00</td>
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<tr>
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<td>88.6%</td>
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<td>11.40%</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>0.89 1.82 7.98</strong></td>
</tr>
</tbody>
</table>

### Notes:

b. It is conservatively assumed that potential emissions of \(\text{PM}_{10}\) and \(\text{PM}_{2.5}\) will be equal to PM emissions.
c. Material Usage provided by Mike Wells through e-mail on 5/2/2019.
| MODULE 1 | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 6 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 1 | 2.23 | 2.23 |
| MODULE 2 | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 2 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 2 | 2.23 | 2.23 |
| MODULE 3 | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 3 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 3 | 2.23 | 2.23 |
| MODULE 4 | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 4 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 4 | 2.23 | 2.23 |
| MODULE 5 | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 5 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 5 | 2.74 | 2.74 |
| MODULE 6 (with CP-61 only) | Material | Density (lb/gal) | H2O + Organics (wt %) | Water (wt %) | Organics (wt %) | Water (vol %) | Solids (vol %) | Mat. Use (gal/1000 units) | Max. (units/hr) | Coating less water (lb/gal) | VOC Content (lb/hr) | PM/PM10/PM2.5 | VOC (lb/hr) |
| Can End Seal Compound - Water Based Material | Darex 4208-66 Mod. 6 | 10.3 | 34.0% | 34.0% | 0.0% | 41.8% | 58.0% | - | - | 0.00 | 0.73 | 0.00 | 0.198 | 0.00 |
| Tab Lube Lubricant (Tab is Part of the Can end) | AMCO 4880 | 6.35 | 88.60% | 0.0% | 88.6% | 0.0% | 11.40% | - | - | 0.87 | 0.199 | 0.00 | 0.00 | 0.00 |
| TOTAL for MODULE 6 | 2.92 | 2.92 |

**TOTAL for MODULES 1 - 6**

<table>
<thead>
<tr>
<th>FACILITY WIDE CLEAN UP SOLVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Safety Kleen Prem. Solv.</td>
</tr>
</tbody>
</table>

**TOTAL for FACILITY WIDE CLEAN UP SOLVENT**

<table>
<thead>
<tr>
<th>TOTAL for FACILITY WIDE CLEAN UP SOLVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.151</td>
</tr>
</tbody>
</table>

**Note:**
Various tab lube formulations are employed. Highest VOC formulation (5.63 lb/gal) is used for calculation. Hazardous Air Pollutants (HAPs) content < 0.0%.

**Methodology:**
- **VOC** = Density (lb/gal) x (Weight % Organics) x (Usage(gal/1000 units)) x (max.units/hr) x (1-98%transfer eff.) x (8,760hr/yr) x (12,000ton/2,000 lbs)
- Lube application via drip and felt pad (direct transfer) -- minimal airborne expression. Transfer efficiency = 98%.
- Potential VOC Tons per Year = VOC (lb/gal) x Material (gal/1000 units) x Maximum (units/hr) x (8,760 hr/yr) x (1 ton/2000 lbs)
- Total = Worst Coating + Sum of all solvents used
## Appendix A: Emission Calculations

### Natural Gas Combustion

**Air Make Up Unit Heater**

<table>
<thead>
<tr>
<th>Company Name:</th>
<th>Ardglass Metal Beverage USA Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address City IN Zip:</td>
<td>4001 Montdale Park Drive, Valparaiso, Indiana 46383</td>
</tr>
<tr>
<td>Part 70 Operating Permit No.:</td>
<td>T127-41793-00030</td>
</tr>
<tr>
<td>Reviewer:</td>
<td>Donald McQuigg</td>
</tr>
</tbody>
</table>

#### Emission Calculations

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Emission Factor in lb/MMCF</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM*</td>
<td>1.9</td>
<td>0.02</td>
</tr>
<tr>
<td>PM10*</td>
<td>7.6</td>
<td>0.06</td>
</tr>
<tr>
<td>direct PM2.5*</td>
<td>7.6</td>
<td>0.06</td>
</tr>
<tr>
<td>SO2</td>
<td>0.6</td>
<td>0.00</td>
</tr>
<tr>
<td>NOx</td>
<td>100</td>
<td>0.81</td>
</tr>
<tr>
<td>VOC</td>
<td>5.5</td>
<td>0.04</td>
</tr>
<tr>
<td>CO</td>
<td>84</td>
<td>0.68</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

#### HAPs Calculations

<table>
<thead>
<tr>
<th>HAPs - Organics</th>
<th>Emission Factor in lb/MMcf</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>2.1E-03</td>
<td>1.69E-05</td>
</tr>
<tr>
<td>Dichlorobenzene</td>
<td>1.2E-03</td>
<td>9.67E-06</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>7.5E-02</td>
<td>6.04E-04</td>
</tr>
<tr>
<td>Hexane</td>
<td>1.8E+00</td>
<td>1.45E-02</td>
</tr>
<tr>
<td>Toluene</td>
<td>3.4E-03</td>
<td>2.74E-05</td>
</tr>
<tr>
<td>Total - Organics</td>
<td></td>
<td>1.517E-02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAPs - Metals</th>
<th>Emission Factor in lb/MMcf</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>5.0E-04</td>
<td>4.03E-06</td>
</tr>
<tr>
<td>Cadmium</td>
<td>1.1E-03</td>
<td>8.87E-06</td>
</tr>
<tr>
<td>Chromium</td>
<td>1.4E-03</td>
<td>1.12E-05</td>
</tr>
<tr>
<td>Manganese</td>
<td>3.8E-04</td>
<td>3.06E-04</td>
</tr>
<tr>
<td>Nickel</td>
<td>2.1E-03</td>
<td>1.69E-05</td>
</tr>
<tr>
<td>Total - Metals</td>
<td></td>
<td>4.419E-05</td>
</tr>
<tr>
<td><strong>Total HAPs</strong></td>
<td></td>
<td>1.522E-02</td>
</tr>
<tr>
<td><strong>Worst HAP</strong></td>
<td></td>
<td>1.452E-02</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.
Appendix A: Emission Calculations

Natural Gas Combustion (< 99 MMBtu/hr)

16 Direct Heaters: Natural Gas Combustion

Company Name: Ardhag Metal Beverage USA Inc.
Address City IN Zip: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
Part 70 Operating Permit No.: T127-41793-00030
Reviewer: Donald McQuigg

16 direct heaters, each rated @ 0.25 MMBtu/hr

<table>
<thead>
<tr>
<th>Total Heat Input Capacity</th>
<th>HHV MMBtu/hr</th>
<th>Potential Throughput MMCF/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.000</td>
<td>34.4</td>
<td>1020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Emission Factor in lb/MMCF</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM*</td>
<td>1.9</td>
<td>0.03</td>
</tr>
<tr>
<td>PM10*</td>
<td>7.6</td>
<td>0.13</td>
</tr>
<tr>
<td>direct PM2.5*</td>
<td>7.6</td>
<td>0.13</td>
</tr>
<tr>
<td>SO2</td>
<td>0.6</td>
<td>0.01</td>
</tr>
<tr>
<td>NOx</td>
<td>32</td>
<td>1.72</td>
</tr>
<tr>
<td>VOC</td>
<td>5.5</td>
<td>0.09</td>
</tr>
<tr>
<td>CO</td>
<td>84</td>
<td>1.44</td>
</tr>
</tbody>
</table>

**see below

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

HAPS Calculations

<table>
<thead>
<tr>
<th>HAPS - Organics</th>
<th>Emission Factor in lb/MMcf</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>2.1E-03</td>
<td>3.607E-05</td>
</tr>
<tr>
<td>Dichlorobenzene</td>
<td>1.2E-03</td>
<td>2.061E-05</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>7.5E-02</td>
<td>1.288E-03</td>
</tr>
<tr>
<td>Hexane</td>
<td>1.8E+00</td>
<td>3.092E-02</td>
</tr>
<tr>
<td>Toluene</td>
<td>3.4E-03</td>
<td>5.840E-05</td>
</tr>
<tr>
<td>Total - Organics</td>
<td></td>
<td>3.232E-02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAPS - Metals</th>
<th>Emission Factor in lb/MMcf</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>5.0E-04</td>
<td>8.588E-06</td>
</tr>
<tr>
<td>Cadmium</td>
<td>1.1E-03</td>
<td>1.889E-05</td>
</tr>
<tr>
<td>Chromium</td>
<td>1.4E-03</td>
<td>2.405E-05</td>
</tr>
<tr>
<td>Manganese</td>
<td>3.8E-04</td>
<td>6.527E-06</td>
</tr>
<tr>
<td>Nickel</td>
<td>2.1E-03</td>
<td>3.607E-05</td>
</tr>
<tr>
<td>Total - Metals</td>
<td></td>
<td>9.413E-05</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.
### Appendix A: Emission Calculations

#### LP Propane Gas Combustion

**Company Name:** Ardagh Metal Beverage USA Inc.  
**Address City IN Zip:** 4001 Montdale Park Drive, Valparaiso, Indiana 46383  
**Part 70 Operating Permit No.:** T127-41793-00030  
**Reviewer:** Donald McQuigg

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Emission Factor in lb/kgal</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM*</td>
<td>0.2</td>
<td>0.06</td>
</tr>
<tr>
<td>PM10*</td>
<td>0.7</td>
<td>0.20</td>
</tr>
<tr>
<td>direct PM2.5**</td>
<td>0.7</td>
<td>0.20</td>
</tr>
<tr>
<td>SO2</td>
<td>0.02</td>
<td>0.01</td>
</tr>
<tr>
<td>NOx</td>
<td>13.0</td>
<td>3.73</td>
</tr>
<tr>
<td>VOC</td>
<td>1.0</td>
<td>0.29</td>
</tr>
<tr>
<td>CO</td>
<td>7.5</td>
<td>2.15</td>
</tr>
</tbody>
</table>

*PM emission factor is filterable PM only. PM emissions are stated to be all less than 10 microns in aerodynamic equivalent diameter, footnote in **No direct PM2.5 emission factor was given. Direct PM2.5 is a subset of PM10. If one assumes all PM10 to be all direct PM2.5, then a worst case assumption of direct PM2.5 can be made.***Sulfur Content assumed to be 0.18 grains per 100 cubic feet. (AP-42, Table 1.5-1 "Emission Factors for LPG Combustion"; subnote "e".

### Methodology

1 gallon of LPG has a heating value of 94,000 Btu  
1 gallon of propane has a heating value of 91,500 Btu (use this to convert emission factors to an energy basis for propane)  
(Source - AP-42 (Supplement B 10/96) page 1.5-1)

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.0915 MMBtu

Emission Factors are from AP42 (7/08), Table 1.5-1 (SCC #1-02-010-02)  
Propane Emission Factors shown. Please see AP-42 for butane.  
Emission (tons/yr) = Throughput (kgals/yr) x Emission Factor (lb/kgal) / 2,000 lb/ton
Appendix A: Emission Calculations

North Cooling Tower

Company Name: Ardagh Metal Beverage USA Inc.
Address City IN Zip: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
Part 70 Operating Permit No.: T127-41793-00030
Reviewer: Donald McQuigg

Basis:
600 gal/min, water circulating rate
8,760 hr/yr, annual operating rate
2,050 mg/L, total dissolved solids (TDS)
0.001 % Drift factor
0.36 gal/hr, avg liquid drift rate (calculated from data above)

PM Emission Calculation:
2,050 mg/L, total dissolved solids (TDS)
453,592 mg/lb, mass conversion
3.7854 L/gal, liquid volume conversion
0.017 lb/gal, TDS per gallon of drift
0.006 avg lb/hr, PM emission rate

PM\textsubscript{10}/PM\textsubscript{2.5} Emission Calculations\textsuperscript{(2)}:

\[ \text{Solid Particle Diameter (} d_{p} \text{)} = D_{d}(\text{TDS}^{*}(p_{w}/p_{\text{tds}}))^{1/3} \]

\[ p_{w} = 1 \text{ g/cm}^3 \]

\[ D_{d} = \text{droplet diameter (microns)} \]

\[ p_{\text{tds}} = 2.2 \text{ g/cm}^3 \]

\[ \text{dp} = \text{particle diameter (microns)} \]

Average TDS = 2040 ppm

\[ p_{w} = \text{density water} \]

\[ p_{\text{tds}} = \text{density tds} \]

<table>
<thead>
<tr>
<th>Droplet Diameter (\text{D}_{d})\textsuperscript{(3)}</th>
<th>Solid Particle Diameter (\text{d}_{p}) (Avg TDS)</th>
<th>% Drift Mass Smaller than\textsuperscript{(3)}</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0.98</td>
<td>12</td>
</tr>
<tr>
<td>15</td>
<td>1.46</td>
<td>20</td>
</tr>
<tr>
<td>35</td>
<td>3.41</td>
<td>40</td>
</tr>
<tr>
<td>65</td>
<td>6.34</td>
<td>60</td>
</tr>
<tr>
<td>115</td>
<td>11.21</td>
<td>80</td>
</tr>
<tr>
<td>170</td>
<td>16.58</td>
<td>90</td>
</tr>
<tr>
<td>230</td>
<td>22.43</td>
<td>95</td>
</tr>
<tr>
<td>375</td>
<td>36.57</td>
<td>99</td>
</tr>
<tr>
<td>525</td>
<td>51.20</td>
<td>99.8</td>
</tr>
</tbody>
</table>

TDS:

PM\textsubscript{2.5} Interpolation
30.64 % of total PM

PM\textsubscript{10} Interpolation
75.02 % of total PM

Emissions Summary:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Average lb/hr</th>
<th>Maximum lb/hr</th>
<th>Annual ton/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate Matter (PM)</td>
<td>0.006</td>
<td>--</td>
<td>0.03</td>
</tr>
<tr>
<td>Particulate Matter (PM\textsubscript{10})</td>
<td>0.005</td>
<td>--</td>
<td>0.02</td>
</tr>
<tr>
<td>Particulate Matter (PM\textsubscript{2.5})</td>
<td>0.002</td>
<td>--</td>
<td>0.008</td>
</tr>
</tbody>
</table>

Notes:
(a) Data provided by Mike Wells by email on 5/14/2019.
(b) Emission factors from AP-42 Chapter 13.4.
(c) PM\textsubscript{10} and PM\textsubscript{2.5} emissions are estimated as a percent of total PM using methodology described in Calculating Realistic PM\textsubscript{10} Emissions from Cooling Towers by Joel Resiman and Gordon Frisbie and droplet size distribution data for a Marley drift eliminator.
(d) Droplet diameter and % mass smaller columns are results of particle size distribution derived from test results provided by Marley.
Appendix A: Emission Calculations

South Cooling Tower

Company Name: Ardagh Metal Beverage USA Inc.
Address City IN Zip: 4001 Montdale Park Drive, Valparaiso, Indiana 46383
Part 70 Operating Permit No.: T127-41793-00030
Reviewer: Donald McQuigg

Basis:
- 480 gal/min, water circulating rate
- 8,760 hr/yr, annual operating rate
- 2,050 mg/L, total dissolved solids (TDS)
- 0.002 % Drift factor
- 0.58 gal/hr, avg liquid drift rate (calculated from data above)

**PM Emission Calculation:**
- 2,050 mg/L, total dissolved solids (TDS)
- 453,592 mg/lb, mass conversion
- 3.7854 L/gal, liquid volume conversion
- 0.017 lb/gal, TDS per gallon of drift
- 0.01 avg lb/hr, PM emission rate

**PM\textsubscript{10}/PM\textsubscript{2.5} Emission Calculations\textsuperscript{(2)}:**

\[
\text{Solid Particle Diameter } (d_p) = D_d \left( \frac{\text{Average TDS}}{p_{\text{dss}}} \right)^{1/3}
\]

\[
p_{\text{w}} = 1 \ \text{g/cm}^3
d_d = \text{droplet diameter (microns)}
\]

\[
p_{\text{dss}} = 2.2 \ \text{g/cm}^3
d_p = \text{particle diameter (microns)}
\]

Average TDS = 2040 ppm

<table>
<thead>
<tr>
<th>Droplet Diameter (D_d)\textsuperscript{(3)}</th>
<th>Solid Particle Diameter (d_p) (Avg TDS)</th>
<th>% Drift Mass Smaller than\textsuperscript{(3)}</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0.98</td>
<td>12</td>
</tr>
<tr>
<td>15</td>
<td>1.46</td>
<td>20</td>
</tr>
<tr>
<td>35</td>
<td>3.41</td>
<td>40</td>
</tr>
<tr>
<td>65</td>
<td>6.34</td>
<td>60</td>
</tr>
<tr>
<td>115</td>
<td>11.21</td>
<td>80</td>
</tr>
<tr>
<td>170</td>
<td>16.58</td>
<td>90</td>
</tr>
<tr>
<td>230</td>
<td>22.43</td>
<td>95</td>
</tr>
<tr>
<td>375</td>
<td>36.57</td>
<td>99</td>
</tr>
<tr>
<td>525</td>
<td>51.20</td>
<td>99.8</td>
</tr>
</tbody>
</table>

**Emissions Summary:**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate Matter (PM)</td>
<td>0.010 lb/hr</td>
</tr>
<tr>
<td>Particulate Matter (PM\textsubscript{10})</td>
<td>0.007 lb/hr</td>
</tr>
<tr>
<td>Particulate Matter (PM\textsubscript{2.5})</td>
<td>0.003 lb/hr</td>
</tr>
</tbody>
</table>

Notes:
- (a) Data provided by Mike Wells by email on 5/14/2019.
- (b) Emission factors from AP-42 Chapter 13.4.
- (c) PM\textsubscript{10} and PM\textsubscript{2.5} emissions are estimated as a percent of total PM using methodology described in Calculating Realistic PM\textsubscript{10} Emissions from Cooling Towers by Joel Resiman and Gordon Frisbie and droplet size distribution data for a Marley drift eliminator.
- (d) Droplet diameter and % mass smaller columns are results of particle size distribution derived from test results provided by Marley.
November 4, 2019

Mr. Mike Grayson  
Ardagh Metal Beverage USA, Inc.  
4001 Montdale Park Drive  
Valparaiso, IN  46383

Re: Public Notice  
Ardagh Metal Beverage USA, Inc.  
Permit Level: Title V - Permit  
Permit Number: 127-41793-00030

Dear Mr. Grayson:

Enclosed is a copy of your draft Title V - Permit, 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 Valparaiso Public Library, 103 Jefferson Street in Valparaiso, IN  46383. 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 Donald McQuigg, 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 4-2251 or dial (317) 234-2251.

Sincerely,

Vicki Biddle

Vicki Biddle  
Permits Branch  
Office of Air Quality

Enclosures

PN Applicant Cover Letter 4/12/19
November 4, 2019

To: Valparaiso Public 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: Ardagh Metal Beverage USA, Inc.
Permit Number: 127-41793-00030

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.
Notice of Public Comment

November 4, 2019
Ardagh Metal Beverage USA, Inc.
127-41793-00030

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.

Enclosure
PN AAA Cover Letter 4/12/2019
AFFECTED STATE NOTIFICATION OF PUBLIC COMMENT PERIOD
DRAFT INDIANA AIR PERMIT

November 4, 2019

A 30-day public comment period has been initiated for:

Permit Number: 127-41793-00030
Applicant Name: Ardagh Metal Beverage USA, Inc.
Location: Valparaiso, Porter County, Indiana

The public notice, draft permit and technical support documents can be accessed via the IDEM Air Permits Online site at:
http://www.in.gov/ai/appfiles/idem-caats/

Questions or comments on this draft permit should be directed to the person identified in the public notice by telephone or in writing to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, IN  46204

Questions or comments regarding this email notification or access to this information from the EPA Internet site can be directed to Chris Hammack at chammack@idem.IN.gov or (317) 233-2414.

Affected States Notification 1/9/2017
## Mail Code 61-53

### Name and address of Sender

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<tbody>
<tr>
<td>1</td>
<td>Mike Grayson</td>
<td>Ardagh Metal Beverage USA Incorporated 4001 Montdale Park Dr Valparaiso IN 46383 (Source CAATS)</td>
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<td>Mr. Ed Dybel</td>
<td>900 Parker Place, Suite A Schererville IN 46325-1482 (Affected Party)</td>
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<td>Valparaiso City Council and Mayors Office</td>
<td>166 Lincolnway Valparaiso IN 46383-5524 (Local Official)</td>
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<td>Mr. Joseph Virgil</td>
<td>128 Kinsale Avenue Valparaiso IN 46385 (Affected Party)</td>
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<td>Burns Harbor Town Council</td>
<td>1240 N. Boo Rd Burns Harbor IN 46304 (Local Official)</td>
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<td>Eric &amp; Sharon Haussman</td>
<td>57 Shore Drive Ogden Dunes IN 46368 (Affected Party)</td>
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<td>Joseph Hero</td>
<td>11723 S Oakridge Drive St. John IN 46373 (Affected Party)</td>
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<td>Mr. Mike Wieczorek Ramboll</td>
<td>Environ 333 W Wacker Dr, Ste 2700 Chicago IL 60606 (Consultant)</td>
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<td>Mark Coleman</td>
<td>PO Box 85 Beverly Shores IN 46301-0085 (Affected Party)</td>
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<td>Jeff Mayes News-Dispatch</td>
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