INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

August 17, 2004

TO: Interested Parties / Applicant

RE: Anchor Glass Container Corporation / 135-17974-00012

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

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

The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:
(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:
(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and

(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

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

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

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

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

Enclosures
FNTVOP.dot 9/16/03

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PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY

Anchor Glass Container Corporation
603 East North Street
Winchester Indiana 47394

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

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

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

Operation Permit No.: T135-17974-00012	
Issued by: Original Signed by Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: August 17, 2004 Expiration Date: August 17, 2009

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

The Permittee owns and operates a stationary glass container manufacturing operation.

Responsible Official:	General Manager
Source Address:	603 East North Street Winchester Indiana 47394
Mailing Address:	603 East North Street Winchester Indiana 47394
General Source Phone Number:	765-584-6101
SIC Code:	3221
County Location:	Randolph
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules;

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

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

(a) one (1) natural gas-fired glass Furnace, identified as Furnace #1, constructed in 1971, with a maximum design melt capacity of 344 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST7;

(b) one (1) natural gas-fired glass Furnace, identified as Furnace #2, constructed in 1973, with a maximum design melt capacity of 448 tons of glass per day and a maximum pull rate of 390 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST8;

(c) one (1) raw materials batch storage and conveying process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions uncontrolled and exhausting inside the building;

(d) one (1) raw materials batch mixing process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions controlled by baghouse BH1 which exhausts to stack ST9 and baghouse BH2 which exhausts inside the building;

(e) one (1) glass Furnace day bin, servicing Furnace #1, constructed in 1940, with a maximum capacity of 550 tons per day, controlled by a baghouse BH3 and emissions exhausting to stack ST5; and

(f) one (1) glass Furnace day bin, servicing Furnace #2, constructed in 1991, with a maximum capacity of 650 tons per day, controlled by baghouse BH4 and emissions exhausting to stack ST6.

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

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

(a) cullet crushing operations, with a throughput of 25,225 tons per year; [326 IAC 6-3-2]

(b) one (1) cardboard baler, with a throughput of 314.7 tons per year; [326 IAC 6-3-2]

(c) one (1) mold swabbing operation, including multiple forming machines with a throughput of 3,933 gallons per year; [326 IAC 6-3-2]

(d) one (1) hot end treatment operations, including multiple coating hoods with a throughput of 22,200 pounds per year; [326 IAC 6-3-2]

(e) mold shop operations, with a through put of 20,000 pounds per year; [326 IAC 6-3-2] and

(f) all parts washers used for maintenance purposes, which were constructed after January 1, 1980. [326 IAC 8-3-2]

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

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

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

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

SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

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

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

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

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

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

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

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

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

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

and

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

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

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

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

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

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

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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

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

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

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

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

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

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

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

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

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

(A) A description of the emergency;

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

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

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

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

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

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

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

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

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

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

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

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

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

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

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

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

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

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

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

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

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

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

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

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

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ 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 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

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

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)] If IDEM, OAQ fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

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

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

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

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

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

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

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

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

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

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

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

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

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

(4) The Permittee notifies the:

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

and

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

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

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

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

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

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

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

(3) Any change in emissions; and

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

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

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

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

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

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

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The Permittee shall pay annual fees to IDEM, OAQ 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]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]

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

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

C.2 Opacity [326 IAC 5-1]

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

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

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

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

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

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

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

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

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

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

C.7 Stack Height [326 IAC 1-7]

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

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

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

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

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

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

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

C.9 Performance Testing [326 IAC 3-6]

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

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

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

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

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM 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.10 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.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

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

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on June 3, 1996.

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

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

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

C.15 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

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

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

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

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

(a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) (“Regulated pollutant, which is used only for purposes of Section 19 of this rule”) from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

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

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

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

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

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

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

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

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

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

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

One (1) natural gas-fired glass Furnace, identified as Furnace #1, constructed in 1971, with a maximum design melt capacity of 344 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST7.

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

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

D.1.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the glass furnace # 1 shall not exceed 24.4 pounds per hour when operating at a maximum design melt capacity of 14.3 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Condition B.10 - Preventive Maintenance Plan, of this permit, is required for this facility.

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

D.1.3 Visible Emissions Notations

(a) Visible emission notations of the Furnace stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

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

D.1.4 Record Keeping Requirements [326 IAC 7-2-1 (Sulfur Dioxide Compliance)]

(a) To document compliance with Condition D.1.3, the Permittee shall maintain records of visible emission notations of the Furnace stack exhaust on atleast once per shift basis.

(b) To document compliance with Condition D.1.2, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

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

SECTION D.2 FACILITY OPERATIONS CONDITIONS

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

One (1) natural gas-fired glass furnace, identified as furnace #2, constructed in 1973, with a maximum design melt capacity of 448 tons of glass per day and a maximum pull rate of 390 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST8.

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

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

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

Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the glass furnace # 2 shall not exceed 29.1 pounds per hour when operating at a maximum design melt capacity of 18.67 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

D.2.2 Particulate Matter (PM), Sulfur Dioxide (SO2), and Nitrogen Oxides (NOx) [326 IAC 2-2]

Pursuant to A 135-5897 issued on May 28, 1996, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the pull rate of the glass furnace # 2 shall be limited to less than 390 tons per day. The corresponding emission limitations, based on the pull rate of 390 tons per day, for PM, SO_2, NO_x are 19.06 pounds per hour, 83.6 pounds per hour, and 116.6 pounds per hour, respectively.

These limits are necessary in order to render the requirements of PSD not applicable.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Condition B.10 – Preventive Maintenance Plan, of this permit, is required for this facility.

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

D.2.4 Visible Emissions Notations

(a) Visible emission notations of the furnace stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

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

D.2.5 Record Keeping Requirements [326 IAC 7-2-1 (Sulfur Dioxide Compliance)]

(a) To document compliance with Condition D.2.2, the Permittee shall maintain records of the pull rate of furnace #2 each day of operation.

(b) To document compliance with Condition D.2.3 the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

(c) To document compliance with Condition D.2.4, the Permittee shall maintain records of visible emission notations of the furnace stack exhaust on once per shift basis.

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

D.2.6 Reporting Requirements

A quarterly summary of the information to document compliance with condition D.2.2 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.3 FACILITY OPERATIONS CONDITIONS

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

One (1) raw materials batch storage and conveying process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions uncontrolled and exhausting inside the building.

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

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

D.3.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the raw materials batch storage and conveying process shall not exceed 44.57 pounds per hour when operating at the maximum capacity of 50 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 55 (P^{0.11}) - 40$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

SECTION D.4 FACILITY OPERATIONS CONDITIONS

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

One (1) raw materials batch mixing process, with a maximum capacity of 1200 tons per day, constructed in 1929, with emissions controlled by bag house BH1 which exhausts to stack ST9 and bag house BH2 which exhausts inside the building.

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

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

D.4.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the raw materials batch mixing process shall not exceed 44.57 pounds per hour when operating at the maximum capacity of 50 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 55 (P^{0.11}) - 40$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.4.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B 10-Preventive Maintenance Plan, of this permit, is required for this facility.

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

D.4.3 Record Keeping Requirements

(a) To document compliance with Condition D.4.2, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

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

SECTION D.5 FACILITY OPERATIONS CONDITIONS

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

(a) One (1) glass Furnace day bin, servicing Furnace #1, constructed in 1940, with a maximum capacity of 550 tons per day, with emissions controlled by baghouse BH3 and emissions exhausting to stack ST5; and

(b) One (1) glass Furnace day bin, servicing Furnace #2, constructed in 1991, with a maximum capacity of 650 tons per day, with emissions controlled by baghouse BH4 and emissions exhausting to stack ST6.

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

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

D.5.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from each glass furnace day bins shall not exceed 33.4 pounds per hour when operating at the maximum capacity of 22.9 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 4.1 P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

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

D.5.2 Visible Emissions Notations

(a) Visible emission notations of the day bins from furnace # 1 and 2 stack exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

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

D.5.3 Record Keeping Requirements

(a) To document compliance with Condition D.5.3, the Permittee shall maintain records of visible emission notations of the day bins stack exhausts on atleast once per shift basis.

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

SECTION D.6 FACILITY OPERATIONS CONDITIONS

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

(a) cullet crushing operations, with a throughput of 25,225 tons per year;

(b) one (1) cardboard baler, with a throughput of 314.7 tons per year;

(c) one (1) mold swabbing operation, including multiple forming machines with a throughput of 3,933 gallons per year;

(d) one (1) hot end treatment operations, including multiple coating hoods with a throughput of 22,200 pounds per year;

(e) mold shop operations, with a through put of 20,000 pounds per year; and

(f) all parts washers used for maintenance purposes, which were constructed after January 1, 1980.

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

D.6.1 Particulate [326 IAC 6-3-2]

(a) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from cullet crushing operations shall not exceed 8.32 pounds per hour when operating at the maximum capacity of 2.87 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

(b) Pursuant to 326 IAC 6-3-2 (e) (2) (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from each of cardboard baler operations, mold swabbing operations, hot end treatment operations and mold shop shall not exceed 0.551 pounds per hour when operating at the maximum capacity of less than 100 pounds per hour. This condition is not federally enforceable.

D.6.2 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for all parts washers constructed after January 1, 1980, the Permittee shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Anchor Glass Container Corporation
Source Address: 603 East North Street, Winchester, IN 47394
Mailing Address: 603 East North Street, Winchester, IN 47394
Part 70 Permit No.: T135-17974-00012

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify) _____

☐ Report (specify) _____

☐ Notification (specify) _____

☐ Affidavit (specify) _____

☐ Other (specify) _____

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

Signature:
Printed Name:
Title/Position:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Anchor Glass Container Corporation
Source Address: 603 East North Street, Winchester, IN 47394
Mailing Address: 603 East North Street, Winchester, IN 47394
Part 70 Permit No.: T135-17974-00012

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)

- C The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- C The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

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

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

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

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

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Anchor Glass Container Corporation
Source Address: 603 East North Street, Winchester, IN 47394
Mailing Address: 603 East North Street, Winchester, IN 47394
Part 70 Permit No.: T135-17974-00012

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Usage Report

(Submit Report Quarterly)

Source Name: Anchor Glass Container Corporation
Source Address: 603 East North Street, Winchester, IN 47394
Mailing Address: 603 East North Street, Winchester, IN 47394
Part 70 Permit No.: T135-17974-00012
Facility: Glass furnace # 2
Parameter: Glass pull rate furnace # 2
Limit: The pull rate of the glass furnace # 2 shall be limited to less than 390 tons per day.

Month: _____ **Year:** _____

Day		Day	
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16			

☐ No deviation occurred in this month.

☐ Deviation/s occurred in this month.
Deviation has been reported on: _____

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

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

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

Source Background and Description

Source Name:	Anchor Glass Container Corporation
Source Location:	603 East North Street, Winchester, Indiana 47394
County:	Randolph
SIC Code:	3221
Operation Permit No.:	T135-17974-00012
Permit Reviewer:	RT / EVP

On May 6, 2004, the Office of Air Quality (OAQ) had a notice published in The News-Gazette in Winchester, Indiana, stating that Anchor Glass Container Corporation had applied for Part 70 Operating Permit Renewal for the operation of stationary glass container manufacturing plant. The notice also stated that OAQ proposed to issue a Part 70 Operating Permit Renewal for this operation and provided information on how the public could review the proposed Part 70 Operating Permit Renewal and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Part 70 Operating Permit Renewal should be issued as proposed.

On June 1, 2004, OAQ received comments from Anchor Glass Container Corporation through their environmental consultant. All comments received are in relation to the proposed Part 70 Renewal.

The summary of the comments and related responses follows, with the comments received from Anchor Glass Container Corporation representative presented first, and the comments from IDEM Air Compliance Section second. Any changes made to the permit as a result of the following comments are shown in bold and deleted permit language is shown with a line through it. Permit changes affecting the permit's Table of Contents are also revised without replication herein.

<u>Comments Received from Anchor Glass Container Corporation:</u>

Comment 1:
The Annual Emission Statement (AES) requirement identified in Condition C.17 should be modified to specifically reflect the State of Indiana's revised AES rule that went into effect on March 27, 2004. This rule is provided in 326 IAC 2-6. Due to the levels of potential emissions for the criteria pollutants, Anchor Glass will only have to submit an AES once every three years. The next AES required for this facility will not be due until July 1, 2005 because of its location in Randolph County. We request that Condition C.17 be revised to include those dates by replacing the first three sentences of C.17 (a) with the following:

> "Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year."

This is currently being incorporated into Part 70 Permits issued by IDEM. (See for example: Premier Boxboard Limited, LLC, T 165-17809-00020.)

Response to Comment 1:

Anchor Glass Container Corporation has potential to emit of PM10 greater than 250 tons per year. Pursuant to 326 IAC 2-6-3 (a) (1) (D), any source which has potential to emit two hundred fifty (250) tons per year of PM10 should submit emission statement, covering the previous calendar year, annually, by July 1. Therefore no changes will be made to the condition C.17.

Comment 2:

The two natural gas-fired boilers identified as Brownwell Boiler and Buss Boiler in Section A.2(c) and (d) should be removed from the permit since these emission units are no longer in use at the facility. Both of these boilers have been officially decommissioned. The emission calculations for these boilers in Appendix A should also be removed from the permit.

Response to Comment 2:

The two natural gas-fired boilers are removed from Section A.2 and also the emission calculations for these boilers are removed from the Appendix A. The condition A.2 is changed as shown below. No changes are made to section D because the two natural gas-fired boilers were removed the draft permit before the public notice.

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

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

(a) one (1) natural gas-fired glass Furnace, identified as Furnace #1, constructed in 1971, with a maximum design melt capacity of 344 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST7;

(b) one (1) natural gas-fired glass Furnace, identified as Furnace #2, constructed in 1973, with a maximum design melt capacity of 448 tons of glass per day and a maximum pull rate of 390 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST8;

~~(c) one (1) natural gas-fired Brownwell Boiler, constructed in 1908, identified as Boiler #1, rated at 100 hp, with a maximum heat input capacity of 10.5 million British thermal units per hour, with no abatement equipment present and emissions exhausting to stack ST1;~~

~~(d) one (1) natural gas-fired Buss Boiler, constructed in 1940, identified as Boiler #2, rated at 250 hp, with a maximum heat input capacity of 16.8 million British thermal units per hour, with no abatement equipment present and emissions exhausting to stack ST2;~~

~~(e)~~ **(c)** one (1) raw materials batch storage and conveying process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions uncontrolled and exhausting inside the building;

~~(f)~~ **(d)** one (1) raw materials batch mixing process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions controlled by baghouse BH1 which exhausts to stack ST9 and baghouse BH2 which exhausts inside the building;

~~(g)~~ **(e)** one (1) glass Furnace day bin, servicing Furnace #1, constructed in 1940, with a maximum capacity of 550 tons per day, controlled by a baghouse BH3 and emissions exhausting to stack ST5; and

~~(h)~~ **(f)** one (1) glass Furnace day bin, servicing Furnace #2, constructed in 1991, with a maximum capacity of 650 tons per day, controlled by baghouse BH4 and emissions exhausting to stack ST6.

Comment 3:

The permit conditions D.1.2, D.2.3, and D.5.2 require correction to the reference for the Section B Preventive Maintenance Plan condition. The draft permit refers to Condition B.12 and it should refer to B.10.

Response to Comment 3:

The reference in the permit conditions D.1.2, D.2.3, and D.4.2 is corrected to B.10. The changes in the conditions are shown below.

D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Condition B.~~12~~ **10** - Preventive Maintenance Plan, of this permit, is required for this facility.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Condition B.~~12~~ **10** – Preventive Maintenance Plan, of this permit, is required for this facility.

D.4.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Condition B.~~12~~ **10** – Preventive Maintenance Plan, of this permit, is required for this facility.

Comment 4:

The requirement for a PMP for the raw materials batch storage and conveying process, identified in Section D.3.2 (and the associated record keeping requirement in D.3.3) should be removed from this permit due to the fact that the process exhausts inside the building and has no emissions abatement or control equipment. There is no preventive maintenance that could be performed to affect emissions from a process that exhausts to the plant interior, and IDEM has no legal authority to regulate this type of process.

Response to Comment 4:

Since there is no preventative maintenance that would affect emissions and there is no emissions control equipment, IDEM determined that PMP is not required for raw materials batch storage and conveying process. Therefore the Condition D.3.2 is deleted from Section D.3. The Section D.3 is changed as shown below.

~~D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B-Preventive Maintenance Plan, of this permit, is required for this facility.~~

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

~~D.3.3 Record Keeping Requirements~~

~~(a) To document compliance with Condition D.3.2, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~

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

Comment 5:

As verified in the First Significant Permit Modification to the Title V permit issued on December 20, 1999, the baghouses (BH3 and BH4) on the two furnace day bins identified in Section D.5 do not need to comply with the applicable PM emission limitations. This is because the maximum potential uncontrolled PM emissions from these emission units are much less than the allowable PM emission rates identified in 326 IAC 6-3-2. Therefore, the compliance monitoring requirements in Condition D.5.2 and the record keeping requirements in Condition D.5.3 should be removed from the permit. Note that the 1999 permit modification did not include a requirement for visible emission observations from the furnace day bin exhaust stacks.

Response to Comment 5:

Compliance monitoring conditions are in the permit in order to ensure continuous compliance with the requirements of 326 IAC 5-1(Opacity Regulations). The IDEM believes that checking visible emissions once per shift during normal daylight operations when exhausting to the atmosphere is a very effective means of ensuring proper operation and ongoing compliance. Hence no changes will be made to the Condition D.5.2 and Condition D.5.3.

Comment 6:

The draft permit includes a Semi-Annual Natural Gas Fired Boiler Certification, Page 39 of 42, which should be removed because there is no requirement for this certification nor should there be since the boilers can only be fired with natural gas.

Response to Comment 6:

The Anchor Glass Container Corporation has officially decommissioned all the boilers at the plant. Therefore, Semi-Annual Natural Gas Fired Boiler Certification is deleted from the permit.

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

Revision 1

There is an inconsistency in Condition D.5.3. PMP is not required for glass furnace day bins # 1 and 2 because the baghouses are not required to comply with 326 IAC 6-3-2. The recordkeeping requirements require compliance accordance to preventive maintenance plan and PMP is not required under section D.5 for glass furnace Day bins # 1 and 2. This inconsistency has been rectified as shown below.

D.5.3 Record Keeping Requirements

~~(a) To document compliance with Condition D.5.2 the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~

~~(b)~~ **(a)** To document compliance with Condition D.5.~~3~~ **2**, the Permittee shall maintain records of visible emission notations of the day bins stack exhausts on atleast once per shift basis.

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

Revision 2

Changes Resulting from Ozone 8-hour County Attainment Status Designations:

On April 15, 2004, the United States Environmental Protection Agency (U.S. EPA) named 23 Indiana counties and one partial county nonattainment for the new 8-hour ozone standard. The designations became effective on June 15, 2004. Randolph County has been designated as attainment for the 8- hour ozone standard. Therefore, no changes to this permit are necessary.

Revision 3

Although the TSD itself will not be revised as it is a historical document and the TSD was correct at the time of public notice, the following is being provided to show how the county attainment status has been affected as a result of the 8-hour ozone standard designations. The county attainment status regarding other pollutants remain unchanged; therefore will not be shown below other than in the table.

County Attainment Status

The source is located in Randolph County.

Pollutant	Status
PM-10	Attainment
SO_2	Attainment
NO_2	Attainment
1-hour Ozone	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

Volatile organic compounds (VOC) ~~are precursors for the formation of ozone~~ 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 emissions and NOx are considered when evaluating the rule applicability relating to the ozone standards. Randolph County has been designated as attainment or unclassifiable for the ozone standards. Therefore, VOC emissions and NOx and were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Revision 4

In accordance with the credible evidence rule (62 Fed. Reg. 8314, Feb 24, 1997); Section 113 (a) of the Clean Air Act, 42 U.S.C. § 7413 (a); and a letter from United States Environmental Protection Agency (USEPA) to IDEM, OAQ dated May 18, 2004, all permits must address use of credible evidence; otherwise, USEPA will object to the permit. The following language will be incorporated into the permit to address credible evidence.

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, ~~I/M & Billing Section~~ **Billing, Licensing and Training Section**), to determine the appropriate permit fee.

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

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

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name:	**Anchor Glass Container Corporation**
Source Location:	**603 East North Street Winchester Indiana 47394**
County:	**Randolph**
SIC Code:	**3221**
Operation Permit No.:	**T135-6042-00012**
Operation Permit Issuance Date:	**June 24, 1999**
Permit Renewal No.:	**T135-17974-00012**
Permit Reviewer:	**Rajesh Thotakura / EVP**

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit Renewal application from Anchor Glass Container Corporation relating to the operation of stationary glass container manufacturing plant.

Permitted Emission Units and Pollution Control Equipment

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

(a) one (1) natural gas-fired glass Furnace, identified as Furnace #1, constructed in 1971, with a maximum design melt capacity of 344 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST7;

(b) one (1) natural gas-fired glass Furnace, identified as Furnace #2, constructed in 1973, with a maximum design melt capacity of 448 tons of glass per day and a maximum pull rate of 390 tons of glass per day, with no abatement equipment present and emissions exhausting to stack ST8;

(c) one (1) raw materials batch storage and conveying process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions uncontrolled and exhausting inside the building;

(d) one (1) raw materials batch mixing process, constructed in 1929, with a maximum capacity of 1200 tons per day, with emissions controlled by baghouse BH1 which exhausts to stack ST9 and baghouse BH2 which exhausts inside the building;

(e) one (1) glass Furnace day bin, servicing Furnace #1, constructed in 1940, with a maximum capacity of 550 tons per day, controlled by a baghouse BH3 and emissions exhausting to stack ST5; and

(h) one (1) glass Furnace day bin, servicing Furnace #2, constructed in 1991, with a maximum capacity of 650 tons per day, controlled by baghouse BH4 and emissions exhausting to stack ST6.

Unpermitted Emission Units and Pollution Control Equipment

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

Insignificant Activities

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

(a) The following activities with uncontrolled PTE PM10 less than 5 lb/hr and 25 lb per day: cullet crushing operations, with a throughput of 25,225 tons per year;

(b) one (1) cardboard baler, with a throughput of 314.7 tons per year;

(c) one (1) mold swabbing operation, including multiple forming machines with a throughput of 3,933 gallons per year;

(d) one (1) hot end treatment operations, including multiple coating hoods with a throughput of 22,200 pounds per year;

(e) mold shop operations, with a through put of 20,000 pounds per year; and

(f) all parts washers used for maintenance purposes, which were constructed after January 1, 1980.

(g) one (1) bottle internal treatment operation;

(h) eleven (11) natural gas-fired annealing lehrs;

(i) one (1) cold end container coating operation including spray coaters;

(j) one (1) video jet printing system;

(k) storage tanks emitting less than one (1) ton per year of a single HAP and less than fifteen (15) pounds per day of VOC including;

(l) one (1) fuel oil tank with a maximum capacity of 67,000 gallons;

(m) three (3) fuel oil tanks, each with a maximum capacity of 29,500 gallons;

(n) two (2) fuel oil tanks, each with a maximum capacity of 19,350 gallons;

(o) one (1) fuel oil tank with a maximum capacity of 15,275 gallons; and

(p) one (1) fuel oil tank with a maximum capacity of 10,175 gallons.

(q) natural gas-fired combustion sources with heat input equal to or less than ten million Btu per hour;

(r) equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu/hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu/hour;

(s) a gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;

(t) a petroleum fuel storage tank, other than gasoline, having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month;

(u) storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons;

(v) vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

(w) refractory storage not requiring air pollution control equipment;

(x) filling drums, pails or other packaging containers with lubricating oils, waxes, and greases;

(y) application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;

(z) Cleaners and solvents having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C or having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20 degrees C; the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months;

(aa) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;

(bb) closed loop heating and cooling systems;

(cc) activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume;

(dd) any operation using aqueous solutions containing less than 1% by weight of VOCs, excluding HAPs;

(ee) water based adhesives that are less than or equal to 5% by volume of VOCs, excluding HAPs;

(ff) forced and induced draft cooling tower system not regulated under a NESHAP;

(gg) replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;

(hh) heat exchanger cleaning and repair;

(ii) paved and unpaved roads and parking lots with public access;

(jj) covered conveyors for limestone conveying of less than or equal to 7,200 tons per day for sources other than mineral processing plants constructed after August 31, 1983;

(kk) underground conveyors;

(ll) asbestos abatement projects regulated by 326 IAC 14-10;

(mm) equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment;

(nn) blowdown for any of the following: sight glass, boiler, compressors, pumps and cooling tower;

(oo) diesel generators not exceeding 1600 horsepower;

(pp) stationary fire pumps;

(qq) grinding and machining operations;

(rr) mold release agents using low volatile products (vapor pressure less than or equal to 2 kilopascals measured at 38 degrees C; and

(ss) a laboratory as defined in 326 IAC 2-7-1(21)(D).

Existing Approvals

The source has been operating under the following previous approvals:

(a) Part 70 permit no. T135-6042-00012, issued on June 24, 1999; and

(b) First significant permit modification no. 135-11351-00012, issued on December 20,1999;

(c) First permit reopening no. 135-13458-00012, issued on November 05, 2001;and

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 permits are superseded by this permit.

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

(a) Part 70 permit No. T135-6042-00012, issued on June 24, 1999, Condition D.2.2:

D.2.2 Particulate Matter (PM), Sulfur Dioxide (SO2), and Nitrogen Oxides (NOx) [326 IAC 2-2]

(a) Pursuant to A 135-5897 issued on May 28, 1996, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 40 CFR 52.21 not applicable, the particulate matter emissions from the regenerative Furnace Number 2 shall not exceed 19.06 pounds per hour. This limit will also satisfy the requirements of 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes).

(b) Pursuant to A 135-5897 issued on May 28, 1996, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 40 CFR 52.21 not applicable, the sulfur dioxide (SO_2) emissions from the regenerative Furnace Number 2 shall not exceed 83.6 pounds per hour.

(c) Pursuant to A 135-5897 issued on May 28, 1996, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 40 CFR 52.21 not applicable, the nitrogen oxide (NOx) emissions from the regenerative Furnace Number 2 shall not exceed 116.6 pounds per hour.

(d) Pursuant to A 135-5897 issued on May 28, 1996, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 40 CFR 52.21 not applicable, the pull rate of the Furnace Number 2 shall not exceed 390 tons per day.

These limits are necessary in order to render the requirements of PSD not applicable.

Reason Changed: Rephrased the whole condition into one paragraph because the compliance monitoring for all PM, SO_2, NO_x emission limitations is same and is done by keeping track of maximum pull rate, which is 390 tons per day.

(b) Part 70 permit No. T135-6042-00012, issued on June 24, 1999, Section D.3 and D.4

Sections D.3 and D. 4 are removed from this part 70 renewal because the source removed both the existing natural gas-fired Buss Boiler and Brownwell Boiler. There are no more boilers at the source.

(c) Part 70 permit No. T135-6042-00012, issued on June 24, 1999, Condition D.9.3:

D.9.3 Visible Emissions [326 IAC 2-7-6(1)]

In the absence of stack test data, compliance with condition D.9.1 will be determined based on opacity from the cullet crushing process.

Reason Changed: Section D.9 refers to insignificant activity. IDEM believes that condition D.9.3 is not required for insignificant activities. Hence, this condition is removed from this Part 70 renewal permit. Owing to the same reason, conditions D.10.3, D.11.3, D.12.3 and D.14.3 are also removed from this part 70 renewal permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

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

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

An administratively complete Part 70 permit renewal application for the purposes of this review was received on September 9, 2003. Additional information was received February 02, 2004 and February 25, 2004.

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

Emission Calculations

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

Potential to Emit of the Source

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

The source was issued a Part 70 Operating Permit on June 24, 1999. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 operating Permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Potential to Emit (tons/year)						
Process/emission unit	PM	PM-10	SO_2	NO_X	VOC	CO	HAPs
Glass Furnace # 1	87.89	82.87	213.45	389.24	12.56	12.56	0
Glass Furnace # 2	114.46	107.92	277.98	506.91	16.35	16.35	0
Batch Handling	69.42	69.42	0	0	0	0	0
Day bin for furnace # 1	31.82	31.82	0	0	0	0	0
Day bin for furnace # 2	37.60	37.60	0	0	0	0	0
Natural gas boilers	0.20	0.7	0.10	9.20	0.5	7.70	negligible
Total PTE	341.39	330.33	491.53	905.35	29.41	36.61	

(a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of PM-10, SO_2, and NO_X are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) Fugitive Emissions
This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, however, there are applicable New Source Performance Standards that were in effect on August 7, 1980. Therefore, the fugitive emissions are counted toward determination of PSD applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2001 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	138
PM-10	138
SO_2	270
VOC	24
CO	22
NO_x	665
HAP (specify)	---

County Attainment Status

The source is located in Randolph County.

Pollutant	Status
PM-10	Attainment
SO_2	Attainment
NO_2	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

(a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Randolph County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

(b) Randolph County has been classified as attainment or unclassifiable for all criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Part 70 Permit Conditions

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

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

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

Federal Rule Applicability

(a) There are no New Source Performance Standards (326 IAC 12) and 40 CFR Part 60 applicable to this source.

The Furnaces #1 and #2 are not subject to the New Source Performance Standard (NSPS), 326 IAC 12, (40 CFR Part 60.290 Subpart CC) because they were constructed prior to June 15, 1979, the applicability date of this rule.

The Boilers #1 and #2 are not subject to the New Source Performance Standard (NSPS), 326 IAC 12, (40 CFR Part 60.40c Subpart Dc) because they were constructed prior to June 9, 1989, the applicability date of this rule.
The storage vessels, as described in the insignificant activities (items (s), (t), and (u)), are not subject to New Source Performance Standard 326 ISC 12, 40 CFR 60.110 through 60.117, Subpart Kb, as the capacity of the storage tanks is less than 10,600 gallons.

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) applicable to this source.

The parts washing station is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs), Subpart T, because the solvent used does not contain any of the following halogenated solvents in concentrations greater than five percent by weight: methylene chloride, 1,1,1-trichloroethane, trichloroethylene, perchloroethylene, carbon tetrachloride, or chloroform.

The glass melting furnaces # 1 and # 2 are not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs), Subpart N, because arsenic compounds are not used as raw materials in the furnaces.

(c) 40 CFR 64, Compliance Assurance Monitoring

The requirements of 40 CFR Part 64, Compliance Assurance Monitoring, apply to a pollutant-specific emissions unit (PSEU), as defined in 40 CFR 64.1, at a major source that is required to obtain a Part 70 or 71 permit if the PSEU meets the following criteria:

(1) the unit is subject to an emission limitation or standard for an applicable regulated air pollutant,
(2) the unit uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard, and
(3) the unit has a potential to emit (PTE) before controls equal to or greater than 100 percent of the amount (tons per year) of the pollutant required for a source to classified as a Part 70 major source.

This source was issued initial Part 70 permit no. T135-6042-00012, on June 24, 1999. The glass furnace # 1 as PSEU has uncontrolled PTE at greater than 100 percent of the applicable major Part 70 threshold for PM-10, SO_2, and NO_X and also has en emission limitation for PM. However, glass furnace #1 does not use control device to comply with the emission limitation. Therefore Compliance Assurance Monitoring (CAM) is not applicable to glass furnace # 1.

Glass furnace # 2 as PSEU has uncontrolled PTE at greater than 100 percent of the applicable major Part 70 threshold and it also has an emissions limitation for PM, SO_2, and NO_x. However, glass furnace # 2 does not use a control device to comply with the emission limitation. Therefore Compliance Assurance Monitoring (CAM) is not applicable to glass furnace # 2.

State Rule Applicability – Entire Source

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

This source is a major source under 326 IAC 2-2 (PSD) with potential to emit SO_2, PM, and NO_x greater than 250 tons per year. The source has always been major for PSD ever since it was constructed before 1960, which was prior to the PSD applicability date of August 7, 1977. Since 1977, the source has increased the production rate of glass furnace # 2 in 1991 and 1996. On March 19, 1991, the Office of Air Quality (OAQ) issued construction permit No. CP-135-1942, OP 135-00012, to the source for glass furnace # 2. The production rate was limited to 340 tons of glass per day to limit the criteria pollutants emission increase to less than PSD thresholds. Therefore, Prevention of Significant Deterioration (PSD) did not apply. The permitted emissions limitations, based on production rate of 340 tons of glass per day, were PM 19.06 lbs / hour, SO_2 83.01 lbs / hour and NO_x 116.34 lbs / hour.

On April 8, 1996 the source performed stack test by increasing the production rate from 340 to 390 tons per day. Results of stack test performed showed that at 390 tons per day production rate, the emissions remained below the previously permitted emissions limitations. The test results were checked and approved by OAQ compliance Data section. Pursuant to A 135-5897 issued on May 28, 1996, the pull rate of the glass furnace # 2 was limited to 390 tons per day. The corresponding emission limitations, based on the pull rate of 390 tons per year, for PM, SO_2, NO_x are 19.06 pounds per hour, 83.6 pounds per hour, and 116.6 pounds per hour, respectively. Therefore, increasing the production rate to 390 tons per day did not trigger Prevention of Significant Deterioration (PSD).

On December 20, 1999 the source was issued significant permit modification no.135-11351-00012 for the removal of SO_2 limits and the associated compliance monitoring and reporting requirements, because the two glass furnaces could no longer burn any fuel other than natural gas. This modification also addressed some clarifications regarding the baghouse designations and Dillon boiler # 3 removal.

The source did not have any new constructions or modifications, other than removing the ability of glass furnaces to burn any fuel other than natural gas, since 1996.

326 IAC 1-5-2 (Emergency Reduction Plans)

The source has submitted an Emergency Reduction Plan (ERP) on June 3, 1996. The ERP has been verified to fulfill the requirements of 326 IAC 1-5-2 (Emergency Reduction Plans).

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting) because it has the potential to emit more than one hundred (100) tons per year) of PM, PM-10, SO_2, and NO_x. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. This statement must be received in accordance with the compliance schedule specified in 326 IAC 2-6-3 and must comply with the minimum requirements specified in 326 IAC 2-6-4. The submittal should cover the period identified in 326 IAC 2-6.

326 IAC 5-1 (Opacity Limitations)

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

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

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

State Rule Applicability – Individual Facilities

326 IAC 7-1.1-1 (Sulfur Dioxide (SO_2))

Since the sulfur dioxide (SO2) emissions are greater than 25 tons per year from furnace #1 and #2, pursuant to 326 IAC 7-1.1-1, the furnaces are subject to the sulfur dioxide emission limitations. However, the furnaces have the capability to burn only natural gas and facilities combusting only natural gas has no emission limitations. Therefore, the furnaces have no emission limitations.

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

(a) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the glass furnaces # 1 and 2 shall not exceed 24.4 and 29.1 pounds per hour, respectively, when operating at a maximum design melt capacity of 14.3 and 18.67 tons per hour, respectively.

The pounds per hour limitation was calculated with the following equation:

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

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

Based on the calculations made (see Appendix A pages 1 and 2 of 8), the glass melt furnaces are in compliance with this requirement.

(b) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the raw materials batch storage and conveying process shall not exceed 44.57 pounds per hour when operating at the maximum capacity of 50 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 55\ (P^{0.11}) - 40$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Based on the calculations made (see Appendix A page 3 of 8), the raw materials batch storage and conveying process is in compliance with this requirement.

(c) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from the raw materials batch mixing process shall not exceed 44.57 pounds per hour when operating at the maximum capacity of 50 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 55\ (P^{0.11}) - 40$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Based on the calculations made (see Appendix A page 3 of 8), the raw materials batch mixing process is in compliance with this requirement.

(d) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from each glass furnace day bins shall not exceed 33.4 pounds per hour when both the day bins are operating at the maximum capacity of 22.9 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 4.1\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Based on the calculations made (see Appendix A pages 4 and 5 of 8), the glass furnace day bins are in compliance with this requirement.

(e) Pursuant to 326 IAC 6-3-2 (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from cullet crushing operations shall not exceed 8.32 pounds per hour when operating at the maximum capacity of 2.87 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

The cullet crushing operations are handled through a closed system and, moreover cullet being processed is wet (quenched by water to reduce the temperature). Hence the emissions from the cullet are negligible. Therefore, the cullet crushing operations are in compliance with the requirements of 326 IAC 6-3-2.

(f) Pursuant to 326 IAC 6-3-2 (e) (2) (Process Emissions Limitations from Manufacturing Processes), the allowable particulate matter emissions from each of cardboard baler operations, mold swabbing operations, hot end treatment operations and mold shop shall not exceed 0.551 pounds per hour when operating at the maximum capacity of less than 100 pounds per hour.

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

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for all parts washers constructed after January 1, 1980, the Permittee shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

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

The source is not subject to the requirements of 8-3-5 (a) and (b) because it was constructed before July 1, 1990 and is not located in Clark, Elkhart, Floyd, Lake, Marion, Porter or St. Joseph Counties.

Compliance Requirements

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

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

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

The glass furnace # 1 and 2, and furnace day bins # 1 and 2 have applicable compliance monitoring conditions as specified below:

(a) Visible emission notations of the furnace # 1 and 2 stack exhausts, and furnace day bins # 1 and 2 stack exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(c) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

These monitoring conditions are necessary to make sure the operations of these facilities are in compliance with the requirements of 326 IAC 6-3-2(Process Emissions Limitations from Manufacturing Processes), 326 IAC 2-7 (Part 70) and render the requirements of 326 IAC 2-2 (PSD)not applicable.

Conclusion

The operation of this stationary glass container manufacturing plant shall be subject to the conditions of this Part 70 permit 135-17974-00012

Appendix A: Emission Calculations
Regenerative Glas Furnace # 1

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Emissions from regenerative glass furnace # 1

Ef = Emission Factors; **Ebc** = Emissions Before Controls

capacity (tons / day) 344.00 SCC# 3-05-014-02

Eac = Emissions After Controls

rate (tons glass / hr) 14.33

Emission factors are taken from AP-42 Ch. 11.15

Pollutant	Ef (lb/ ton produced)	Ebc (ton/yr)	Eac (ton/yr)	Type of control	Percent Control Efficiency
PM	1.40	87.89	87.89	none	
PM-10	1.32	82.87	82.87		
SO2	3.40	213.45	213.45		
NOx	6.20	389.24	389.24		
VOC	0.20	12.56	12.56		
CO	0.20	12.56	12.56		

Compliance Calculations

Allowable Emissions:

The following calculations determine PM compliance with 326 IAC 6-3-2 for process weight rates less than 30 tons per hour:

P = 14.33 tons/hr

Limit : 4.1 x (14.33 ^0.67) = 24.4 lb/hr **(allowable)**

with potential:

87.89 2000 lb/ton / 8760 hr/yr = 20.07 lb/hr **(will comply)**

Appendix A: Emission Calculations
Regenerative Glas Furnace # 2

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Emissions from regenerative glass furnace # 2

Ef = Emission Factors; **Ebc** = Emissions Before Controls

capacity (tons / day) 448.00 SCC# 3-05-014-02

Eac = Emissions After Controls

rate (tons glass / hr) 18.67

Emission factors are taken from AP-42 Ch. 11.15

Pollutant	Ef (lb/ ton produced)	Ebc (ton/yr)	Eac (ton/yr)	Type of control	Percent Control Efficiency
PM	1.40	114.46	114.46	none	
PM-10	1.32	107.92	107.92		
SO2	3.40	277.98	277.98		
NOx	6.20	506.91	506.91		
VOC	0.20	16.35	16.35		
CO	0.20	16.35	16.35		

Compliance Calculations

Allowable Emissions:

The following calculations determine PM compliance with 326 IAC 6-3-2 for process weight rates less than 30 tons per hour:

P = 18.67 tons/hr

Limit : 4.1 x (18.67 ^0.67) = 29.1 lb/hr **(allowable)**

with potential:

114.46 2000 lb/ton / 8760 hr/yr = 26.13 lb/hr **(will comply)**

Appendix A: Emission Calculations
Batch Handling

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Emissions from batch handling and Mixing

Ef = Emission Factors; **Ebc** = Emissions Before Controls

capacity (tons / day) 1200.00 SCC# 3-05-014-02

Eac = Emissions After Controls

rate (tons glass / hr) 50.00

Emission factors are taken from AP-42 Ch. 8.19.1-1

Pollutant	Ef (lb/ ton produced)	Ebc (ton/yr)	Eac (ton/yr)	Type of control	Percent Control Efficiency
PM	0.32	69.42	69.42	none	
PM-10	0.32	69.42	69.42		
SO2	0.00	0.00	0.00		
NOx	0.00	0.00	0.00		
VOC	0.00	0.00	0.00		
CO	0.00	0.00	0.00		

Compliance Calculations

Allowable Emissions:

The following calculations determine PM compliance with 326 IAC 6-3-2 for process weight rates greater than 30 tons per hour:

P = 50.00 tons/hr

Limit : 55*(50.00 ^0.11) - 40 = 44.57 lb/hr **(allowable)**

with potential:

69.42 2000 lb/ton / 8760 hr/yr = 15.85 lb/hr **(will comply)**

Appendix A: Emission Calculations
Day bin for glass furnace # 1

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Emissions from bay bin for furnace # 1

Ef = Emission Factors; **Ebc** = Emissions Before Controls

capacity (tons / day) 550.00 SCC# 3-05-014-02

Eac = Emissions After Controls

rate (tons glass / hr) 22.92

Emission factors are taken from AP-42 Ch. 8.19.1-1

Pollutant	Ef (lb/ ton produced)	Ebc (ton/yr)	Eac (ton/yr)	Type of control	Percent Control Efficiency
PM	0.32	31.82	31.82	none	
PM-10	0.32	31.82	31.82		
SO2	0.00	0.00	0.00		
NOx	0.00	0.00	0.00		
VOC	0.00	0.00	0.00		
CO	0.00	0.00	0.00		

Compliance Calculations

Allowable Emissions:

The following calculations determine PM compliance with 326 IAC 6-3-2 for process weight rates less than 30 tons per hour:

P = 22.92 tons/hr

Limit : 4.1 x (22.92 ^0.67) = 32.72 lb/hr **(allowable)**

with potential:

31.82 2000 lb/ton / 8760 hr/yr = 7.26 lb/hr **(will comply)**

Appendix A: Emission Calculations
Day bin for glass furnace # 2

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Emissions from day bin for furnace # 2

Ef = Emission Factors; **Ebc** = Emissions Before Controls

capacity (tons / day) 650.00 SCC# 3-05-014-02

Eac = Emissions After Controls

rate (tons glass / hr) 27.08

Emission factors are taken from AP-42 Ch. 8.19.1-1

Pollutant	Ef (lb/ ton produced)	Ebc (ton/yr)	Eac (ton/yr)	Type of control	Percent Control Efficiency
PM	0.32	37.60	37.60	none	
PM-10	0.32	37.60	37.60		
SO2	0.00	0.00	0.00		
NOx	0.00	0.00	0.00		
VOC	0.00	0.00	0.00		
CO	0.00	0.00	0.00		

Compliance Calculations

Allowable Emissions:

The following calculations determine PM compliance with 326 IAC 6-3-2 for process weight rates greater than 30 tons per hour:

P = 27.08 tons/hr

Limit : 4.1 x (27.08 ^0.67) = 37.38 lb/hr **(allowable)**

with potential:

37.60 2000 lb/ton / 8760 hr/yr = 8.59 lb/hr **(will comply)**

Potential Emissions from Entire source (Glass Furnace + Nat. Gas Combustion)

Company Name: Anchor Glass container Corporation
Address City IN Zip: 603 East North Street Winchester Indiana 47394
Part 70 Pemit: T135-17974-00012
Reviewer: RT/EVP
Date: 01-23-04

Potential Emissions (tons /yr)

Emission Unit	PM	PM-10	SO2	NOx	VOC	CO	Single	HAPS
	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	HAP	(tons / yr)
Glass Furnace # 1	87.89	82.87	213.45	389.24	12.56	12.56	0.00	0.00
Glass Furnace # 2	114.46	107.92	277.98	506.91	16.35	16.35	0.00	0.00
Batch Handling	69.42	69.42	0.00	0.00	0.00	0.00	0.00	0.00
Day bin for furnace # 1	31.82	31.82	0.00	0.00	0.00	0.00	0.00	0.00
Day bin for furnace # 2	37.60	37.60	0.00	0.00	0.00	0.00	0.00	0.00
Total	341.19	329.63	491.43	896.15	28.91	28.91		

Allowable Emissions (tons/hr)

Emission Unit	PM	PM-10	SO2	NOx	VOC	CO	Single	HAPS
	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	(tons / yr)	HAP	(tons / yr)
Glass Furnace # 1	106.87	106.87	213.45	389.24	12.56	12.56	0.00	0.00
Glass Furnace # 2	127.46	127.46	277.98	506.91	16.35	16.35	0.00	0.00
Batch Handling	195.22	195.22	0.00	0.00	0.00	0.00	0.00	0.00
Day bin for furnace # 1	143.31	143.31	0.00	0.00	0.00	0.00	0.00	0.00
Day bin for furnace # 2	163.72	163.72	0.00	0.00	0.00	0.00	0.00	0.00
Total	736.58	736.58	491.43	896.15	28.91	28.91		