


SAINT-GOBAIN

CONTAINERS

Wray C. Hiser
Associate General Counsel

November 1, 2004

Ms. Susan Fairchild
Emission Standards Division (C-504-05)
US Environmental Protection Agency
Office of Air Quality Planning and Standards
109 TW Alexander Drive
Research Triangle Park, NC 27711

Re: EPA ICR concerning HAPs in Glass Making

Dear Ms. Fairchild:

Please find enclosed the response of Saint-Gobain Containers, Inc. to the information collection request from the Environmental Protection Agency about possible Hazardous Air Pollutant emissions in the glass container manufacturing industry.

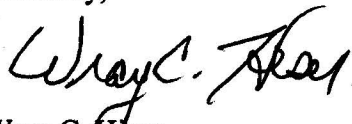
The information contained in this response is, to the best of our knowledge, a complete compilation of all requested information that we have available. As noted in my October 19, 2004 letter, certain pieces of information concerning dust collectors and other pieces of equipment installed many years ago by various of our predecessor companies is no longer available. We are continuing to review our files, however, and will supplement this response with any additional information that is uncovered during our ongoing search for relevant information.

We have compiled the requested information as accurately as possible, but we acknowledge that errors in the entry of the information into the database may have occurred. We are continuing to quality check the data provided and will update your office if any errors are discovered.

We request Confidential Business Information treatment for all of the information contained on the enclosed diskette and for the stack test reports submitted in response to section VI.B.

If you have any questions, please do not hesitate to contact me at 765/741-7081

Sincerely,


Wray C. Hiser

cc: Jeffrey Forgang



Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

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

August 9, 2002

Mr. John Mino
Saint Gobain Containers, LLC
524 East Center Street
Dunkirk, Indiana 47336

Re: 075-15931-00004
Third Administrative Amendment to
Part 70 075-6108-00004

Dear Mr. Mino:

Saint Gobain Containers, LLC was issued a permit on November 11, 1998 for a glass container manufacturing plant. A letter requesting permission to replace the storage bin for the raw material Melite was received on April 29, 2002. Pursuant to the provisions of 326 IAC 2-7-11 the permit is hereby administratively amended as follows:

1. The Permittee has requested permission to replace one existing storage bin for the raw material Melite. The new storage bin is controlled by a dust collector and vents inside the building. Based on the additional information received on July 31, 2002, the maximum throughput rate of the new storage bin is 560 pounds of Melite per year.

According to AP-42, Table 19.1-1, the PM emission factor for sand handling and storage processes with control is 0.0013 pounds per ton of raw material processed. Assume the control efficiency of the filters is 99% and PM10 emissions equal to PM emissions, the potential to emit PM/PM10 before control from the new storage bin is $560 \text{ lbs/hr} / 2000 \text{ lbs/ton} \times 0.0013 \text{ lbs/ton} \times 8760 \text{ hr/yr} \times 1 \text{ ton}/2000 \text{ lbs} / (1-99\%) = 0.16 \text{ tons/yr}$, which is less than 5 tons per year. Therefore, the installation of this unit is exempt from the permitting requirements pursuant to 326 IAC 2-7-10.5. In addition, this replacement will not result in debottlenecking or increase utilization of other existing units since the maximum throughput rate of the existing plant remains the same.

This modification to an existing major PSD source is not major because the emissions increase is less than the PSD significant levels. The new storage bin is considered to be an insignificant unit based on the definition in 326 IAC 2-7-1(21) and is subject to 326 IAC 6-3-2 (PM limits for Manufacturing Processes). Therefore, Conditions A.3 and D.4.1 have been revised as follows to reflect the installation and operation of the new storage bin:

- 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) One (1) batch handling operation, servicing furnace number 2, with a maximum capacity of 24.75 tons of raw material per hour;



- (b) One (1) hot end treatment process consisting of three (3) individual treatment locations identified as shops #21, 22, and 23, servicing furnace number 2, with a maximum capacity of 0.90 pounds per hour of hot end treatment;
- (c) One (1) batch handling operation, servicing furnace number 1, with a maximum capacity of 22.5 tons of raw material per hour;
- (d) One (1) hot end treatment process, consisting of five (5) individual treatment locations, identified as shops 11, 12, 13, 14, and 15, servicing furnace number 1, with a maximum capacity of 0.90 pounds per hour of hot end treatment.
- (e) **Other emission units, not regulated by a NESHAP, with PM10 and SO₂ emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine(3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:**

One (1) raw material storage bin, with a maximum throughput rate of 560 pounds of Melite per hour, equipped with a dust collector for control, installed in 2002 and replacing the existing Melite storage bin, and vents inside the building. The raw material is transferred to the storage bin using an existing pneumatic conveyance system.

SECTION D.4

FACILITY OPERATION CONDITIONS

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

- (a) One (1) batch handling operation, servicing furnace number 2, with a maximum capacity of 24.75 tons of raw material per hour.
- (c) One (1) batch handling operation, servicing furnace number 1, with a maximum capacity of 22.5 tons of raw material per hour.
- (e) **Other emission units, not regulated by a NESHAP, with PM10 and SO₂ emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:**

One (1) raw material storage bin, with a maximum throughput rate of 560 pounds of Melite per hour, equipped with a dust collector for control, installed in 2002 and replacing the existing Melite storage bin, and vents inside the building. The raw material is transferred to the storage bin using an existing pneumatic conveyance system.

(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 Matter (PM) [326 IAC 6-3-2e e)]

- (a) The ~~PM~~ **particulate emissions** from each of the batch handling operations shall not exceed the pound per hour emission rate established as E in the following formula:

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

- (b) Pursuant to 326 IAC 6-3-2(e) (Manufacturing Processes), the allowable particulate emissions from Melite storage bin shall not exceed 1.74 pounds per hour when operating at a process weight rate of 560 pounds per hour. The pounds per hour limitation was calculated with the equation in Condition D.4.1(a).
2. The Permittee has indicated that the source address in the Title V permit (#075-6108-00004, issued on November 11, 1998) was incorrect. Therefore, the source address has been corrected to 524 East Center Street, Dunkirk, Indiana 47336 in this Administrative Amendment.

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Saint-Gobain Containers, L.L.C.
524 E. CharlesCenter Street
Dunkirk, Indiana 47336**

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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

Responsible Official: Plant Manager
Source Address: 524 E. ~~CharlesCenter~~ Street, Dunkirk, Indiana 47336
Mailing Address: 524 E. Center Street, Dunkirk, Indiana 47336
SIC Code: 3221
County Location: Jay
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Major Source, under PSD Rules

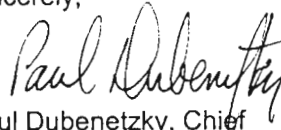
The corresponding reporting forms have also been revised to show the correct address.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Yu-Lien Chu, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7871 to speak directly to Ms. Chu. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0

and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,



Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

ERG/YC

cc: File - Jay County
U.S. EPA, Region V
Jay County Health Department
Air Compliance Section Inspector - Dave Rice
Compliance Data Section - Karen Nowak
Administrative and Development - Sara Cloe
Technical Support and Modeling - Michele Boner



Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
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(317) 232-8603
(800) 451-6027
www.state.in.us/idem

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Saint-Gobain Containers, L.L.C.
524 E. Center Street
Dunkirk, Indiana 47336**

(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.

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 and 326 IAC 2-1-3.2 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.: T075-6108-00004	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: November 11, 1998 Expiration Date: November 11, 2003

First Administrative Amendment No.: 075-12792-00004, issued December 7, 2000
Second Administrative Amendment No.: 075-14405-00004, issued June 18, 2001
First Reopening No. 075-13333-00004, issued January 4, 2002

Third Administrative Amendment No.: 075-15931-00004	Affected Pages: 1, 5, 6, and 34
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date :August 9, 2002



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D.2.8 Visible Emissions Notations

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D.5.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

Certification

Emergency/Deviation Occurrence Report

Quarterly Compliance Monitoring Report

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)]

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

Responsible Official: Plant Manager
Source Address: 524 E. Center Street, Dunkirk, Indiana 47336
Mailing Address: 524 E. Center Street, Dunkirk, Indiana 47336
SIC Code: 3221
County Location: Jay
County 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) oxy-fuel glass melting furnace, referred to as furnace number 1, constructed in 1993, with a maximum capacity of 500 tons of glass per day and a maximum heat input capacity of 80 million British thermal units per hour, with emissions exhausting to stack #1;
- (b) One (1) oxy-fuel glass melting furnace, referred to as furnace number 2, to be constructed in 1998, with a maximum capacity of 550 tons of glass per day and a maximum heat input capacity of 84.8 million British thermal units per hour, which will replace the existing furnace number 2, which has a maximum melt capacity of 140 tons of glass per day;
- (c) One (1) mold swabbing operation, consisting of five (5) individual treatment locations identified as shops 11, 12, 13, 14, and 15, servicing furnace number 1, with a maximum capacity of 3.33 pounds per hour of swabbing material;
- (d) One (1) mold swabbing operation consisting of three (3) individual treatment locations identified as shops #21, 22, and 23, servicing furnace number 2, with a maximum capacity of 2.9 pounds per hour of swabbing material.

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) One (1) batch handling operation, servicing furnace number 2, with a maximum capacity of 24.75 tons of raw material per hour;

- (b) One (1) hot end treatment process consisting of three (3) individual treatment locations identified as shops #21, 22, and 23, servicing furnace number 2, with a maximum capacity of 0.90 pounds per hour of hot end treatment;
- (c) One (1) batch handling operation, servicing furnace number 1, with a maximum capacity of 22.5 tons of raw material per hour;
- (d) One (1) hot end treatment process, consisting of five (5) individual treatment locations, identified as shops 11, 12, 13, 14, and 15, servicing furnace number 1, with a maximum capacity of 0.90 pounds per hour of hot end treatment.
- (e) Other emission units, not regulated by a NESHAP, with PM₁₀ and SO₂ emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:

One (1) raw material storage bin, with a maximum throughput rate of 560 pounds of Melite per hour, equipped with a dust collector for control, installed in 2002 and replacing the existing Melite storage bin, and vents inside the building. The raw material is transferred to the storage bin using an existing pneumatic conveyance system.

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 Permit No Defense [326 IAC 2-1-10] [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

B.2 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, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

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

B.5 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.6 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.7 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.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information 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) 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.

- (c) Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAQ, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
- (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) 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.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]

- (a) Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, 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, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification 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 1 of each year to:

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

and

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 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 compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
 - (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 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).

B.12 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 prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, 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;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ, .

B.13 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, except as provided in 326 IAC 2-7-16.

- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967
 - (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency 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) for sources subject to this rule after the effective date of this rule. 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 compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

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

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. 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:
 - (1) The applicable requirements are included and specifically identified in this permit; or
 - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) 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, including any term or condition from a previously issued construction or operation permit, 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.
- (d) 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.
- (e) 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.
- (f) 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).
- (g) 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)]
- (h) 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.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 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 Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
 - (2) An emergency as defined in 326 IAC 2-7-1(12); or
 - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.
 - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 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)]
- (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.18 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).

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. [326 IAC 2-5-3]
- (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.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with 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 should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule
- (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.20 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)(D)(i) 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.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(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) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

(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 approval required by 326 IAC 2-1 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), (c)(1), and (e)(2).

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

B.23 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, 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) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]
 - (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAQ, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAQ, nor an authorized

representative, may disclose the information unless and until IDEM, OAQ, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]

- (2) The Permittee, and IDEM, OAQ, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]
Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. 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).
- (c) IDEM, OAQ, shall reserve the right to issue a new permit.

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAQ,,within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.27 Credible Evidence [326 IAC 2-7-5(3)][62 Federal Register 8313][326 IAC 2-7-6]

Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or noncompliance.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Major Source

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21, this source is a major source.

C.2 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate 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.

C.3 Opacity [326 IAC 5-1]

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

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings, as determined in 326 IAC 5-1-4.
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

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

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

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

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

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

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

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

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 vented to the control equipment is in operation.

C.8 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.

C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

- (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 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 emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory 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) **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 that the inspector be accredited is federally enforceable.

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

C.10 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 methods 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 Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAQ within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

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

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

C.11 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will comply with such applicable requirements that become effective during the term of this permit.

C.12 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule 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).

C.13 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

- (a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. In the case of continuous monitoring, whenever the continuous monitor is malfunctioning for a period of 4 hours or more, visible emission observations, as described in Sections D.1 and D.2, should be implemented at least once per daylight shift during process operations, until such time as the continuous monitor is back in operation.
- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.14 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 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.15 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

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

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

The ERP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.16 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
 - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAQ, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.17 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]
[326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
 - (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure

to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that 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 an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps 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.

**C.18 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 corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (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. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not 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.19 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) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must

comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

- (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission 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

- (c) The annual 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.20 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.21 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information 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 kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ, representative. 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 written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.22 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Semi-annual Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (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, any semi-annual report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Stratospheric Ozone Protection

C.23 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)]

- (a) One (1) oxy-fuel glass melting furnace, referred to as furnace number 1, constructed in 1993, with a maximum capacity of 500 tons of glass per day and a maximum heat input capacity of 80 million British thermal units per hour, with emissions exhausting to stack #1.

(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 Matter (PM) [326 IAC 12 (40 CFR Parts 60.293, Subpart CC)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the particulate matter emissions from the oxy-fuel furnace shall not exceed 0.5 grams per kilogram (1.0 pound per ton) of glass produced. Compliance with this limit will also satisfy the requirements of 326 IAC 6-3 (Process Operations), which limits PM emissions to 31.4 pounds per hour.

D.1.2 Opacity [326 IAC 12 (40 CFR Parts 60.293, Subpart CC)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the opacity shall not exceed the opacity value corresponding to the 97.5 percent upper confidence level of a normal distribution of average opacity values.

D.1.3 Arsenic [40 CFR Part 61.160, Subpart N]

Pursuant to 40 CFR Parts 61.160, Subpart N (National Emission Standards For Inorganic Arsenic Emissions From Glass Manufacturing Plants) arsenic shall not be used as a raw material in furnace #1. Therefore, the requirements of this rule shall not apply.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

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

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM and opacity limits specified in Conditions D.1.1 and D.1.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.1.6 Continuous Monitoring System [326 IAC 12 (40 CFR Parts 60.293, Subpart CC) and 326 IAC 3-5 (Continuous Monitoring)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the owner or operator of the oxy-fuel furnace shall install, calibrate, maintain, and operate a continuous monitoring system for the measurement of the opacity of emissions discharged into the atmosphere from the furnace. The continuous monitoring system must also meet the requirements of 326 IAC 3-5 (Continuous Monitoring).

D.1.7 Visible Emissions Notations

- (a) Whenever the continuous opacity monitor is malfunctioning for a period of 4 hours or more, visible emission notations of the furnace stack exhaust shall be performed at least once per day 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.1.8 Record Keeping Requirements [326 IAC 12 (40 CFR Parts 60.293, Subpart CC) and 326 IAC 3-5]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants) and 326 IAC 3-5 (Continuous Monitoring), the following conditions shall apply:

- (a) The owner or operator of the oxy-fuel furnace shall report to the OAQ as excess emissions all of the 6-minute periods during which the average opacity, as measured by the COM exceeds the opacity value corresponding to the 97.5 percent upper confidence level.
- (b) When a malfunction of the COM lasts more than one (1) day, the OAQ shall be notified as soon as practicable but in no event later than two (2) business days after the beginning of such occurrence. Information of the scope and expected duration of the malfunction shall be provided.
- (c) The owner or operator of the oxy-fuel furnace shall maintain a file of all measurements, all continuous monitoring system evaluations, calibration checks, adjustments, and maintenance performed on the system, and all other data collected by the COM, recorded in permanent form suitable for inspection. The file shall be retained for a period of five years following the date of such measurements, maintenance reports, and records.
- (d) The owner or operator of the oxy-fuel furnace shall provide written notification to the OAQ as soon as practicable but not less than two (2) weeks prior to the following dates:
 - (1) The anticipated date for conducting the performance specifications tests or performance evaluations of the COM;
 - (2) The anticipated date for planned relocation of the COM or for replacement of a certified COM with a noncertified COM.

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.7, the Permittee shall maintain records of daily visible emission notations of the furnace stack exhaust.

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

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (b) One (1) oxy-fuel glass melting furnace, referred to as furnace number 2, to be constructed in 1998, with a maximum capacity of 550 tons of glass per day and a maximum heat input capacity of 84.8 million British thermal units per hour, which will replace the existing furnace number 2, which has a maximum melt capacity of 140 tons of glass per day.

(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 Matter (PM) [326 IAC 12 (40 CFR Parts 60.293, Subpart CC)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the particulate matter emissions from the oxy-fuel furnace shall not exceed 0.5 grams per kilogram (1.0 pound per ton) of glass produced. Compliance with this limit will also satisfy the requirements of 326 IAC 6-3 (Process Operations), which limits PM emissions to 33.4 pounds per hour.

D.2.2 Opacity [326 IAC 12 (40 CFR Parts 60.293, Subpart CC)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the opacity shall not exceed the opacity value corresponding to the 97.5 percent upper confidence level of a normal distribution of average opacity values.

D.2.3 Arsenic [40 CFR Part 61.160, Subpart N]

Pursuant to 40 CFR Parts 61.160, Subpart N (National Emission Standards For Inorganic Arsenic Emissions From Glass Manufacturing Plants) arsenic shall not be used as a raw material in furnace #2. Therefore, the requirements of this rule shall not apply.

D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

D.2.5 Prevention of Significant Deterioration [326 IAC 2-2]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and CP 075-8923, the regenerative furnace #2 shall be rendered physically inoperable before start-up of this new oxy-fuel furnace #2.

Compliance Determination Requirements

D.2.6 Testing Requirements [326 IAC 12 (40 CFR Parts 60.293, Subpart CC)]

- (a) Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), compliance stack tests shall be performed for particulate matter and opacity from the oxy-fuel furnace #2 within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.
- (b) During the performance test, continuous opacity monitoring shall be conducted during each test run. The 6-minute opacity average shall be calculated from 24 or more data points equally spaced over each 6-minute period during the test runs.
- (c) The opacity value corresponding to the 97.5 percent upper confidence level of a normal distribution of average opacity values shall be determined based on the 6-minute opacity averages.

- (d) In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

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

D.2.7 Continuous Monitoring System [326 IAC 12 (40 CFR Parts 60.293, Subpart CC) and 326 IAC 3-5 (Continuous Monitoring)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants), the owner or operator of the oxy-fuel furnace shall install, calibrate, maintain, and operate a continuous monitoring system for the measurement of the opacity of emissions discharged into the atmosphere from the furnace. The continuous monitoring system must also meet the requirements of 326 IAC 3-5 (Continuous Monitoring).

D.2.8 Visible Emissions Notations

-
- (a) Whenever the continuous opacity monitor is malfunctioning for a period of 4 hours or more, visible emission notations of the furnace stack exhaust shall be performed at least once per day 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.2.9 Record Keeping Requirements [326 IAC 12 (40 CFR Parts 60.293, Subpart CC) and 326 IAC 3-5 (Continuous Monitoring)]

Pursuant to 40 CFR Parts 60.293, Subpart CC (Standards of Performance for Glass Manufacturing Plants) and 326 IAC 3-5 (Continuous Monitoring), the following conditions shall apply:

- (a) The owner or operator of the oxy-fuel furnace shall report to the OAQ as excess emissions all of the 6-minute periods during which the average opacity, as measured by the COM exceeds the opacity value corresponding to the 97.5 percent upper confidence level.
- (b) When a malfunction of the COM lasts more than one (1) day, the OAQ shall be notified as soon as practicable but in no event later than two (2) business days after the beginning of such occurrence. Information of the scope and expected duration of the malfunction shall be provided.
- (c) The owner or operator of the oxy-fuel furnace shall maintain a file of all measurements, all continuous monitoring system evaluations, calibration checks, adjustments, and maintenance performed on the system, and all other data collected by the COM, recorded in permanent form suitable for inspection. The file shall be retained for a

period of five years following the date of such measurements, maintenance reports, and records.

- (d) The owner or operator of the oxy-fuel furnace shall provide written notification to the OAQ as soon as practicable but not less than two (2) weeks prior to the following dates:
 - (1) The anticipated date for conducting the performance specifications tests or performance evaluations of the COM;
 - (2) The anticipated date for planned relocation of the COM or for replacement of a certified COM with a noncertified COM.

D.2.10 Record Keeping Requirements

- (a) To document compliance with Condition D.2.8, the Permittee shall maintain records of daily visible emission notations of the furnace stack exhaust.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.3

FACILITY OPERATION CONDITIONS

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

- (c) One (1) mold swabbing operation, consisting of five (5) individual treatment locations identified as shops 11, 12, 13, 14, and 15, servicing furnace number 1, with a maximum capacity of 3.33 pounds per hour of swabbing material;
- (d) One (1) mold swabbing operation consisting of three (3) individual treatment locations identified as shops #21, 22, and 23, servicing furnace number 2, with a maximum capacity of 2.9 pounds per hour of swabbing material.

(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 Matter (PM) [326 IAC 6-3-2(c)]

The PM from each of the mold swabbing operations shall not exceed the pound per hour emission rate established as E in the following formula:

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

Compliance Determination Requirements

D.3.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

SECTION D.4

FACILITY OPERATION CONDITIONS

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

- (a) One (1) batch handling operation, servicing furnace number 2, with a maximum capacity of 24.75 tons of raw material per hour.
- (c) One (1) batch handling operation, servicing furnace number 1, with a maximum capacity of 22.5 tons of raw material per hour.
- (e) Other emission units, not regulated by a NESHAP, with PM₁₀ and SO₂ emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:

One (1) raw material storage bin, with a maximum throughput rate of 560 pounds of Melite per hour, equipped with a dust collector for control, installed in 2002 and replacing the existing Melite storage bin, and vents inside the building. The raw material is transferred to the storage bin using an existing pneumatic conveyance system.

(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(e)]

- (a) The particulate emissions from each of the batch handling operations shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

- (b) Pursuant to 326 IAC 6-3-2(e) (Manufacturing Processes), the allowable particulate emissions from Melite storage bin shall not exceed 1.74 pounds per hour when operating at a process weight rate of 560 pounds per hour. The pounds per hour limitation was calculated with the equation in Condition D.4.1(a).

Compliance Determination Requirements

D.4.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.4.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

SECTION D.5

FACILITY OPERATION CONDITIONS

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

- (b) One (1) hot end treatment process consisting of three (3) individual treatment locations identified as shops #21, 22, and 23, servicing furnace number 2, with a maximum capacity of 0.90 pound per hour of hot end treatment; and
- (d) One (1) hot end treatment process, consisting of five (5) individual treatment locations, identified as shops 11, 12, 13, 14, and 15, servicing furnace number 1, with a maximum capacity of 0.90 pounds per hour of hot end treatment.

(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 Matter (PM) [326 IAC 6-3-2(c)]

The PM from each of the hot end treatment processes shall not exceed the pound per hour emission rate established as E in the following formula:

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

Compliance Determination Requirements

D.5.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.5.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Saint-Gobain Containers, L.L.C.
Source Address: 524 E. Center Street, Dunkirk, Indiana 47336
Mailing Address: 524 E. Center Street, Dunkirk, Indiana 47336
Part 70 Permit No.: T075-6108-00004

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:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) _____
- 9 Report (specify) _____
- 9 Notification (specify) _____
- 9 Other (specify) _____

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Saint-Gobain Containers, L.L.C.
Source Address: 524 E. Center Street, Dunkirk, Indiana 47336
Mailing Address: 524 E. Center Street, Dunkirk, Indiana 47336
Part 70 Permit No.: T075-6108-00004

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2	
<input checked="" type="radio"/>	1. 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) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
<input checked="" type="radio"/>	2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) C The Permittee must submit notice in writing within ten (10) calendar days

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/Deviation:
Describe the cause of the Emergency/Deviation:

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

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
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: _____

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

**PART 70 OPERATING PERMIT
SEMI-ANNUAL COMPLIANCE MONITORING REPORT**

Source Name: Saint-Gobain Containers, L.L.C.
Source Address: 524 E. Center Street, Dunkirk, Indiana 47336
Mailing Address: 524 E. Center Street, Dunkirk, Indiana 47336
Part 70 Permit No.: T075-6108-00004

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted semi-annually. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No Deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviations

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Dunkirk



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Frank O'Bannon
Governor

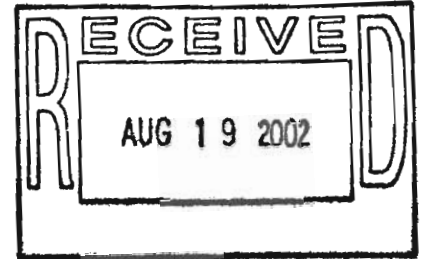
August 9, 2002

Lori F. Kaplan
Commissioner

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

TO: Interested Parties / Applicant

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



Notice of Decision - Approval

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 4-21.5-3-5 (f), this order will become effective within eighteen (18) calendar days from the mailing of this notice unless a petition for review and a petition for stay of effectiveness is filed.

If you wish to challenge this decision, IC 4-21.5-3-7 requires 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 Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice.** The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA); or
- (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 the following:

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

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-1078. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures

What if you are not satisfied with this decision and you want to file an appeal?

Who may file an appeal?

The decision described in the accompanying Notice of Decision may be administratively appealed. Filing an appeal is formally known as filing a "Petition for Administrative Review" to request an "administrative hearing."

If you object to this decision issued by the Indiana Department of Environmental Management (IDEM) and are: 1) the person to whom the decision was directed, 2) a party specified by law as being eligible to appeal, or 3) aggrieved or adversely affected by the decision, you are entitled to file an appeal. (An aggrieved or adversely affected person is one who would be considered by the court to be negatively impacted by the decision. If you file an appeal because you feel that you are aggrieved, it will be up to you to demonstrate in your appeal how you are directly impacted in a negative way by the decision).

The Indiana Office of Environmental Adjudication (OEA) was established by state law – see Indiana Code (IC) 4-21.5-7 – and is a separate state agency independent of IDEM. The jurisdiction of the OEA is limited to the review of environmental pollution concerns or any alleged technical or legal deficiencies associated with the IDEM decision making process. Once your request has been received by OEA, your appeal may be considered by an Environmental Law Judge.

What is required of persons filing an appeal?

Filing an appeal is a legal proceeding, so it is suggested that you consult with an attorney. Your request for an appeal must include your name and address and identify your interest in the decision (Or, if you are representing someone else, his or her name and address and their interest in the decision). In addition, please include a photocopy of the accompanying Notice of Decision or list the permit number and name of the applicant, or responsible party, in your letter.

Before a hearing is granted, you must identify the reason for the appeal request and the issues proposed for consideration at the hearing. You also must identify the permit terms and conditions that, in your judgment, would appropriately satisfy the requirements of law with respect to the IDEM decision being appealed. That is, you must suggest an alternative to the language in the permit (or other order, or decision) being appealed, and your suggested changes must be consistent with all applicable laws (See Indiana Code 13-15-6-2) and rules (See Title 315 of the Indiana Administrative Code, or 315 IAC).

The effective date of this agency action is stated on the accompanying Notice of Decision (or other IDEM decision notice). If you file a "Petition for Administrative Review" (appeal), you may wish to specifically request that the action be "stayed" (temporarily halted) because most appeals do not allow for an automatic "stay." If, after an evidentiary hearing, a "stay" is granted, the IDEM-approved action may be halted altogether, or only allowed to continue in part, until a final decision has been made regarding the appeal. However, if the action is not "stayed" the IDEM-approved activity will be allowed to continue during the appeal process.

Where can you file an appeal?

If you wish to file an appeal, you must do so in writing. There are no standard forms to fill out and submit, so you must state your case in a letter (called a petition for administrative review) to the Indiana Office of Environmental Adjudication (OEA). Do not send the original copy of your appeal request to IDEM. Instead, send or deliver your letter to:

The Indiana Office of Environmental Adjudication
150 W. Market Street, Suite 618
Indianapolis, IN 46204

If you file an appeal, also please send a copy of your appeal letter to the IDEM contact person identified in the Notice of Decision, and to the applicant (person receiving an IDEM permit, or other approval).

Your appeal (petition for administrative review) must be received by the Office of Environmental Adjudication in a timely manner. Different types of permit approvals have different deadlines for filing an appeal. The accompanying Notice of Decision (NOD) explains how to determine the due date for filing an appeal for this particular permit decision. To ensure that you meet this filing requirement, your appeal request must be:

- 1) Delivered in person to the OEA by the close-of-business on the due date. (If the due date falls on a day when the Office of Environmental Adjudication (OEA) is closed for the weekend or for a state holiday, then your petition will be accepted on the next business day on which OEA is open.); or
- 2) Given to a private carrier who will deliver it to the OEA on your behalf, (and from whom you must obtain a receipt dated on or before the due date); or
- 3) For those appeal requests sent by U.S. Mail, your letter must be postmarked by no later than midnight of the due date; or
- 4) Faxed to the OEA at 317/233-0851 before the close-of-business of the due date, provided that the original signed "Petition for Administrative Review" is also sent, or delivered, to the OEA in a timely manner.

What are the costs associated with filing an appeal?

The OEA does not charge a fee for filing documents for an administrative review or for the use of its hearing facilities. However, OEA does charge a fifteen cent (\$.15) per page fee for copies of any documents you may request. Another cost that could be associated with your appeal would be for attorney's fees. Although you have the option to act as your own attorney, the administrative review and associated hearing are complex legal proceedings; therefore, you should consider whether your interests would be better represented by an experienced attorney.

What can you expect from the Office of Environmental Adjudication (OEA) after you file for an appeal?

The OEA will provide you with notice of any prehearing conferences, preliminary hearings, hearings, "stays," or orders disposing of the review of this decision. In addition, you may contact the OEA by phone at 317/232-8591 with any scheduling questions. However, technical questions should be directed to IDEM at the number indicated on the Notice of Decision.

Do not expect to discuss details of your case with the OEA other than in a formal setting such as a prehearing conference, a formal hearing, or a settlement conference. The OEA is not allowed to discuss a case without all sides being present. All parties to the proceeding are expected to appear at the initial prehearing conference.

Mailed & distrib. August 20

mfw

SAINT-GOBAIN
7075-6108

August 20, 2002

Indiana Department of Environmental Management
Office of Air Quality
Permits Branch
100 N. Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 4620-6015

RE: Saint-Gobain Containers, Inc.
Dunkirk Facility OP No. T075-15931-00004
Third Administrative Amendment to
Part 70 075-6108-00004

Gentlemen:

Saint-Gobain Containers is in receipt of the latest amendment to the facility wide permit as of August 19, 2002. We wish to inform the IDEM of what appears to be a typo error on page 1 of the permit. Specifically, Section 1; paragraph one, the third sentence should be corrected to read as follows, "Based on the additional information received on July 31, 2002, the maximum throughput rate of the new storage bin is 560 pounds of Melite per hour." All other emission information appears to be correct.

If there are any questions concerning this matter please feel free to call me direct at 765-741-7116.

Sincerely:



John R. Miro
Senior Environmental Engineer

JRM

Attachment

cc: Joe Drago, w/attachment
Jerry Painter, w/attachment
Tad Drago, w/attachment
Phil McPherson, w/attachment



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

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

September 19, 2002

Mr. John Mino
Saint Gobain Containers, LLC
524 East Center Street
Dunkirk, Indiana 47336

Re: 075-16501-00004
Permit Review Request

Dear Mr. Mino:

Saint Gobain Containers, LLC was issued a Part 70 permit on November 11, 1998 for a glass container manufacturing plant. On August 21, 2002, the Office of Air Quality (OAQ) received a letter from Saint Gobain Containers, LLC concerning a typographical error in the third Administrative Amendment letter (#075-15931-00004) mailed to the Permittee on August 19, 2002.

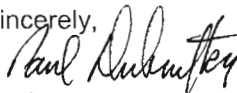
The third Administrative Amendment (#075-15931-00004) was issued for the installation and operation of an insignificant raw material storage bin. The maximum throughput rate of the new storage bin provided in the original application is 560 pounds of Melite per hour and the emission calculations for this storage bin in the Administrative Amendment were based on pound per hour throughput rate.

As you indicated in your letter, the last sentence of the second paragraph of the third Administrative Amendment letter (#075-15931-00004) incorrectly stated the maximum throughput rate of the new storage bin as 560 pounds of Melite per year, instead of 560 pounds per hour. The Administrative Amendment letter should have read as follows:

"Based on the additional information received on July 31, 2002, the maximum throughput rate of the new storage bin is 560 pounds of Melite per **year hour**."

Since this was a typographical error that appeared only in the Administrative Amendment letter, no changes to the Part 70 permit are required.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this review request to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Yu-Lien Chu, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7871 to speak directly to Ms. Chu. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

ERG/YC

cc: File - Jay County
U.S. EPA, Region V
Jay County Health Department
Air Compliance Section Inspector - Dave Rice
Compliance Data Section - Karen Nowak
Administrative and Development - Sara Cloe
Technical Support and Modeling - Michele Boner





Sent certified & distrib.
Nov. 5, 2002
mfw

7001 2510 0006 6400 8439

November 5, 2002

CERTIFIED-RETURN RECEIPT

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

RE: Saint-Gobain Containers, Inc.
Dunkirk Facility OP No. T075-6108-00004
Part 70 Operating Permit-Administrative Amendment

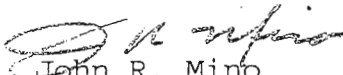
Gentlemen:

This letter is a request to the IDEM for what we believe is an Administrative Amendment to our Part 70 Operating Permit. Following several attempts to contact the Engineer of the day on duty and not receiving a response we felt that it was necessary to submit this request.

The subject facility located in Dunkirk, Jay County plans to remove and replace an existing operating Continuous Opacity Monitor, COM with a new unit. The existing COM to be replaced is currently on our Furnace #1 stack and was manufactured by Datatest, Model 1000MPD. This unit is being proposed for replacement in the same location in early 2003 by a laser unit from KVB-Enertec Model LM 3086EPA3. The existing DAS will also be replaced along with an upgraded computer and DAS.

If there are any questions concerning this matter or further details are needed for processing this request please feel free to call me direct at 765-741-7116 or notify me by FAX at 765-741-4846.

Sincerely:


John R. Mino
Senior Environmental Engineer

JRM



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

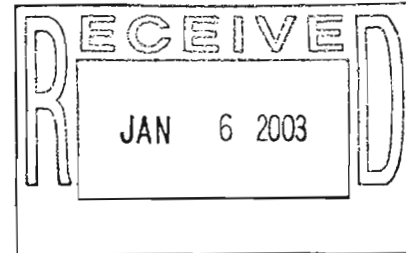
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Commissioner

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

December 26, 2002



Mr. John Mino
Saint-Gobain Containers, Inc.
524 East Center Street
Dunkirk, Indiana 47336

Re: Permit Review Request No.: 075-16759-00004

Dear Mr. Mino:

Pursuant to Contract No. A305-0-00-36, the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), has assigned the review of your letter to Eastern Research Group, Inc.

On November 8, 2002, the IDEM, OAQ received a letter from Saint-Gobain Containers, Inc. concerning the operating permit for the plant located at 524 East Center Street, Dunkirk, Indiana. In your letter, you requested permission to replace the existing Datatest Model 1000MPD Continuous Opacity Monitor (COM) with a COM laser unit from KVB-Enertec, Model LM 3086EPA3. The new COM is approved for installation and shall comply with the requirements set forth in the operating permit including certification. No changes to the permit are required.

If you have any further questions concerning this matter, please contact Alicia Baker at Eastern Research Group, Inc., 1600 Perimeter Park Drive, Morrisville, North Carolina or call (919) 468-7902 to speak directly with Ms. Baker. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

ERG/ARB

cc: File - Jay County
Air Compliance - Ryan Hillman
Duane Van Laningham - IDEM
Project File - 0137.00.517



AIR PERMIT DETAILS
(REVIEW DATE: June 2004)

PLANT: DUNKIRK PERMIT No.075-6108-00004 Date of Last Amendment: August 9, 2002

FURNACE (S): 1 and 2

ENFORCEMENT AGENCY

Indiana Department of
Environmental Management
100 N Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

PRODUCTION LIMITS

Furnace #1	500 tons/day and 80 MMBTU/Hr
Furnace #2	550 tons/day and 84.8 MMBTU/Hr

MONITORING & REPORTING REQUIREMENTS

Maintain Continuous Opacity monitoring
If COM fails for > 4 hrs, record visible
emissions daily with trained employee.
Trained employee must be able to distinguish
the appearance and characteristics of
"normal emissions".
Quarterly reporting of all 6-minute average
opacity readings exceeding the established
UCLs.
Notify IDEM within 2 days of any malfunction
lasting more than one day that results in a
permit or monitoring exceedance.
Maintain COM files of all measurements,
evaluations, calibration checks, adjustments
and maintenance performed.
Maintain written preventive maintenance plan
Annual Emission fees due by April 1
Report semi-annual monitoring compliance
status by Jan 30 & June 30
Submit Annual Certification/Deviation report
by July 1st.
Submit Annual Emission Statement by July 1st

EMISSION LIMITATIONS

	<u>Furnace #1</u>	<u>Furnace #2</u>
PM	1.0 lb/ton	1.0 lb/ton
Opacity UCL	9.0%	15.8%

Initial compliance demonstration by performance test.
Additional testing only as requested by IDEM.
Test protocol submittal within 35 days of test.
Final notification of test date within 2 weeks.
Test report submittal within 45 days of test.

For any test indicating noncompliance submit
corrective actions within 30 days and retest within
120 days of knowledge of failed test.

COMs required to comply with NSPS regulations

RECORD KEEPING

Maintain daily production records
Maintain records of any daily visible
emission observations.
Maintain daily COM opacity records to
demonstrate compliance
Maintain annual emission statements
Maintain annual certification/deviation
records
Maintain all compliance test reports
Maintain records for 5 years

TEST REQUIREMENTS AND RECENT RESULTS

Furnace #2 test of May 23, 2003 (tested @ 512 T/D)

PM	20.9 lbs/hr vs. limit of 33.4 lbs/Hr
PM	0.96 lb/ton vs. limit of 1.0 lbs/ton
Opacity	range 6.9-9.1% UCL remains at 15.8%

Furnace #1 test of Dec. 12, 1996 (tested @ 480T/D)

PM	12.8 lbs/hr vs. limit of 30.5 lbs/hr
PM	0.61 lbs/ton vs. limit of 1.0 lbs/ton
Opacity	UCL established at 9.0%

CONTROL EQUIPMENT

None

PERMIT EXPIRATION: November 11, 2003
RENEWAL APPLICATION DUE DATE: Submitted 01/27/2003

ENVIRONMENTAL REPORTING REQUIREMENTS**Dunkirk**

Last Revised: 6/9/2004

REPORT or TASK	REQUIREMENT	DUE DATE
IDEM Permit No. INP000201 – pretreatment permit for process and sanitary water discharged to sewer	Monitor flow, oil & grease, and pH. Limits: Flow – record Oil & grease – 100 mg/L pH – acceptable range 5.5 to 9.0 Sample monthly and submit discharge monitoring report to IDEM and City.	Daily flow recording Monthly sample collection By the 28 th of each month send report to agencies with a copy to Muncie. Permit expires June 30, 2003 – renewal application due 6 months prior. Application submitted 8/8/2002.
IDEM Permit No. ING250017 – noncontact cooling water discharge to ditch	Monitor flow, oil & grease, pH and temperature. Limits: Oil & grease – no visible sheen pH – acceptable range 6.0 to 9.0 Temperature – seasonal limit, see permit Sample twice a month and submit discharge monitoring report to IDEM.	Twice a month sample collection By the 28 th of each month send report to IDEM with a copy to Muncie. Permit expires 9/2005 – renewal application due 6 months prior.
IDEM Permit No. INR00B083 – stormwater discharge to ditch	Visual inspections during two storm events, annual report, implement stormwater pollution prevention plan (SWPPP), SWPPP training. Use IDEM inspection form. At least 1 stormwater sample annually. Submit SWPPP Checklist to IDEM by May 1, 2005	Semi-annual visual inspections Annual Report due to IDEM – January 28 Sample results to IDEM within 30 days of receiving results. Copy to Muncie
IDEM Permit No. IN0061816 – furnace drain discharge to ditch.	Prior to a discharge event, refer to the permit conditions for sampling and limits. Submit monthly DMRs even when there is no discharge.	Discharge Monitoring Report due to IDEM by the 28 th of each month. Permit expires 7/31/08 – renewal application due 6 months prior.
Inspections	Using forms in plant's contingency, spill prevention plan – (stormwater in appendix f, other forms in ch. 4) Weekly hazardous waste storage area inspection Weekly facility inspection – tanks, drums, emerg. equip., discharge points, etc	Weekly inspections

SARA – Section 312 Tier II Report	Annual Hazardous Chemical Inventory report. Identify chemicals that are present in quantities greater than or equal to 10,000 lbs. Send completed form to local emergency planning committee, local fire dept., and state emergency planning committee. Plant fills out form, sends to Muncie for review, and then plant certifies and mails report.	March 1 – Due to agencies each year. Send draft to Muncie by mid-Feb
Dept. Natural Resources Water Report	Annual water usage report for two on-site wells. Forms mailed in January by the state.	March 1 – Submit to DNR.
Hazardous Waste Annual Report	Large Quantity Generators and Small Quantity Generators must submit annual report. Plant provides haz waste manifests to Muncie and Muncie fills out report.	March 1 – due to IDEM Muncie prepares and copies plant.
Quarterly Opacity Monitoring Reports	Itemize and report exceedances above upper confidence limit. UCL – Furnace # 1 – 9.0% UCL – Furnace # 2 – 15.8% Plant completes report and sends to Muncie (JRM) for approval	Quarterly due to IDEM. Submit to IDEM and copy Muncie
Title V Air Permit Semi-annual compliance monitoring report	Plant Manager signs compliance statement.	July 30 and December 30 each year. Submit to IDEM with a copy to Muncie (JRM)
DOT Hazardous Materials Registration	Muncie fills out form and sends to DOT with annual fee. Plant maintains a copy on file.	June 30 – registration renewal form and fee due each year
SARA – Section 313 Form R Report	Annual Toxic Chemical Release report. Determine chemical usage for the year and send summary to Muncie. Muncie prepares report if threshold is triggered and mails to EPA and state.	July 1 – Due to EPA and state each year. Send usage information to Muncie before 7/1 – by the response date on annual reminder memo.
Title V Air Emissions Inventory Report	Completed in Muncie based on furnace report and other information provided by plant.	July 1 – Due to IDEM each year Muncie prepares and copies plant.
Title V Annual Compliance Certification	Plant Manager signs compliance statement. Certification covers the period from Jan 1 thru Dec 31 of prior year	July 1 each year – submit to IDEM and EPA with a copy to Muncie (JRM)
Hazardous Waste Manifests	Maintain file at plant sorted by year. Send copies to Muncie.	Routinely send copies to Muncie.
Special Waste Manifests	Maintain file at plant sorted by year.	Not applicable.

Hazardous waste, hazardous materials, and stormwater training	Annual training requirement for plant engineer and applicable employees. See ch. 6 of spill plan.	Annually Send copy of training record to Muncie
New Source Performance Standards, NSPS Continuous Opacity Monitors (COM)	Malfunction of COM on either furnace for more than 24 continuous hours must be reported to IDEM. Coordinate reporting with Muncie (JRM) Quarterly reporting of exceedances above established UCL limits.	As needed. Quarterly reports for both furnaces due April 30 th , July 30 th , October 30 th and January 30 th . Plant prepares report and sends to Muncie for verification and legal approval.
Saint-Gobain Contingency, Emergency, and Spill Prevention Plan	Review annually and update as needed.	Annually. Send revisions to Muncie.
Title V Annual Emission Fees	Payment of fees based on annual emissions report	Due within 30 days of receipt of invoice. Muncie (JRM) verifies calculations. If billing is not received the fee is due April 1 st .
Other IDEM Fees: All water permits Hazardous chemical fee	Payment of annual fees invoiced by state. Each water permit has an annual permit fee due. Hazardous chemical annual fee, amount determined by the number of chemicals reported on Tier 2.	Due within 30 days of receipt of invoice. Send verification of payment to Muncie. Must pay fees on time to avoid serious enforcement penalties or permit revocation.
Title V Air Permit Preventative Maintenance Plan	Prepare and maintain a Preventative Maintenance Plan and implement the plan as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any emission limitation or potential to emit.	Submit plan to IDEM upon request and shall be subject to review and approval by IDEM, OAQ.
Title V Semi Annual Deviation Reporting	A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. Note that a failure to take the appropriate response step when an excursion of a compliance monitoring parameter is a deviation.	Report to IDEM any deviation within 10 days of the occurrence. Any deviations must also be reported on Semi-annual Deviation Report. Jan-June report is due July 30 th and July-Dec report is due Jan 30 th . If no deviations occurred, report is still required.
Title V Permit Renewal	A timely renewal is one that is submitted at least 9 months prior to the date of the expiration of Nov 11, 2003.	Renewal application must be submitted on or before February 11, 2003.
Title V Asbestos Abatement	Mandatory notification to IDEM for regulated asbestos containing materials, RACM either stripped, removed or disturbed on 260 linear feet on pipes, 160sq. ft. on facility components or >35 cubic ft on facility components and all demolition projects.	Written notification to IDEM, at least 10 days before asbestos stripping, removal or before demolition begins.
Propane Management Plan (PMP) – propane system	Annual maintenance and inspection. Perform and document inspections and maintenance. Maintain records	Annually
Propane Management Plan (PMP) – propane system	Refresher Training. Conduct and document refresher training. Maintain records	Every 3 years
Propane Management Plan (PMP) – propane system	Compliance Audit. Perform and document audit to ensure the plan has been implemented. Maintain records	Every 3 years (last update in 2002)

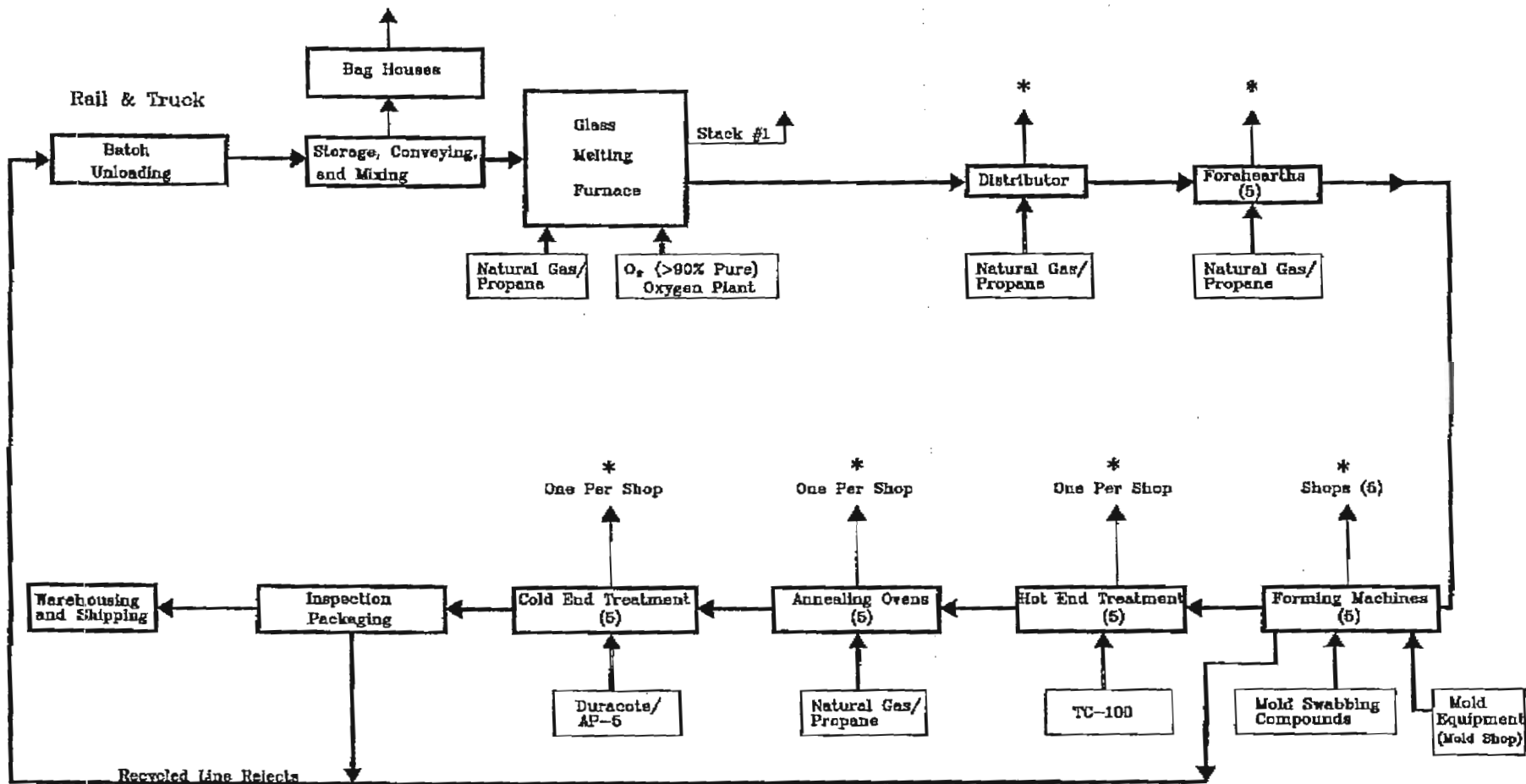
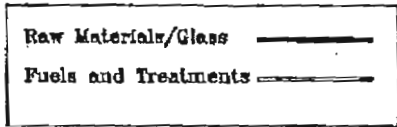
Propane Management Plan (PMP) – propane system	Every 5 years Conduct Hazard Assessment. Perform and document assessment to ensure the plan is up-to-date	Every 5 years (1 st update due in 2004)
Hazardous & Non-Hazardous Treatment, Storage, Disposal Site (TSD) Questionnaire	Hazardous & Non-Hazardous Questionnaire. Plant sends questionnaire to TSD sites every three years and retains a copy of the completed questionnaire on file with a copy to corporate.	Every 3 years
Pollution Control Equipment – Air & Wastewater	Ongoing inspections & maintenance. Perform and document inspections and maintenance to ensure proper operation. Maintain records	Ongoing – Plant maintains records

Muncie submittals: Send to Jayne Browning unless otherwise noted. JRM – send to John Mino
Documentation is required to demonstrate compliance with all requirements. Send Muncie copies of all reports and correspondence.

ATTACHMENT 1A

SAINT-GOBAIN CONTAINERS, INC
DUNKIRK PLANT FURNACE #1

Process Flow Diagram



* All Sources Exhaust Through "Clamshell" Type Natural Draft Building Ventilator

Note: All operations are 24 hrs/day, 7 days/week, 52 weeks/yr.


SAINT-GOBAIN

CONTAINERS

June 16, 2004

CERTIFIED-RETURN RECEIPT

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

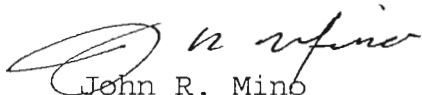
RE: Saint-Gobain Containers, Inc.
Dunkirk Facility OP No. T075-6108-00004
Annual Emission Statement - 2003

Gentlemen:

Enclosed, you will find a diskette that contains the emission information for the subject facility for the year 2003. In addition, attached you will find both the completed and signed Emission Statement Certification form and the signed Statement of Accuracy form for the Emissions Summary.

If there are any questions concerning this submittal please feel free to call me direct at 765-741-7116.

Sincerely:



John R. Mino
Senior Environmental Engineer

JRM

Attachments plus Diskette

Cc: Joe Drago with attachments
Tad Drago, with attachments
Phil McPherson, with attachments
Wray Hiser

Indiana Department of Environmental Management
 Office of Air Quality
 P.O. Box 6015
 Indianapolis, Indiana 46206-6015

Attn: Emissions Statement Group

Re: Air Emissions Statement

Emissions Statement Certification

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

_____ JUNE 9, 2004
 Certifying Individual (printed signature) Date Signed
 _____ 6/10/04
 Certifying Individual (Written signature) Title
 _____ PLANT MANAGER

County and Plant ID 075-00004
 Company Name Saint-Gobain Containers, L.L.C.
 Mailing Address 1509 South Macedonia Avenue, P.O. Box 4200
 City, State, Zip Code Muncie, IN 47307-4200
 Phone Number: (765) 741-7116

Quality Assurance/Part 70 Permit Pollutants

In our continuing effort to improve the quality of the emissions statements we are providing the following table. We request that you fill in the totals for each of the pollutants that your source emits. If your source doesn't emit a particular pollutant, DO NOT FILL IN THE BLANK. We will use this information as a tool in our review of your emissions statement, and for Part 70 Permit (Title V) billing data.

You will notice that the following table has more than the six pollutants required by the emissions statement rule. The additional pollutants are requested to accurately assess Part 70 Permit fees. IF YOU DO NOT HAVE A PART 70 PERMIT, YOU ARE REQUESTED TO FILL IN ONLY THE EMISSIONS STATEMENT POLLUTANTS YOUR SOURCE EMITS.

Emissions Statement Pollutants (Plant Wide)	Tons Emitted
Carbon Monoxide (CO)	31.9908
Lead (PB)	
Nitrogen Dioxide (NO2)	168.8402
Particulate Matter <10 Microns (PM10)	127.3203
Sulfur Dioxide (SO2)	336.9551
Volatile Organic Compounds (VOC)	31.9908

Part 70 Permit Billable Pollutants (Plant Wide)	Tons Emitted
Tetrachloroethylene (Perc) (CAS#127184)	
Chlorine (CAS# 7782505)	
Hydrochloric Acid (CAS# 7647010)	
Hydrofluoric Acid (CAS# 7664393)	
Methyl Chloroform or 1,1,1-Trichloroethane (CAS# 71556)	
Methylene Chloride or Dichloromethane (CAS# 75092)	
Phosphine (CAS# 7803512)	
Mercury and Mercury Compounds	

7.0 EMISSIONS SUMMARY

Facility Name: SAINT-GOBAIN CONTAINERS, INC.

Facility Id: 00004

Point Emissions Summary

Point Id #	Point Description	Particulate						LEAD
		VOC	NO2	CO	SO2	TSP	PM10	
<u>001</u>	<u>GLASS FURNACES</u>		<u>168.840</u>	<u>31.9908</u>	<u>336.955</u>	<u>133.978</u>	<u>127.320</u>	
Total Emissions			<u>168.84</u>	<u>31.9908</u>	<u>336.955</u>	<u>133.978</u>	<u>127.32</u>	

Statement of Accuracy:

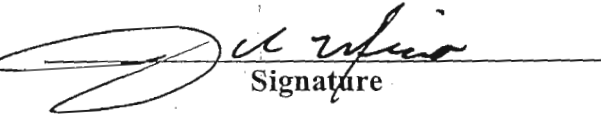
The data presented herein represents the best available information and is true and accurate to the best of my ability.

JOHN MENDO SR. ENVIRON ENGR

Print Full Name and Title

(765) 741 - 7116

Telephone


Signature

6/9/2004

Date