



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: September 2, 2005

RE: Flint Ink North America Corporation / 085-21255-00037

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

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

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

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

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



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

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Mr. Ken Blackford
Flint Ink North America Corporation
P.O. Box 287
Warsaw, Indiana 46580-0287

September 2, 2005

Re: 085-21255
First Significant Permit Modification to:
Part 70 permit No.: T085-7115-00037

Dear Mr. Blackford:

Flint Ink North America Corporation was issued Part 70 operating permit T085-7115-00037 on June 8, 2001, for a printing ink production plant. An application to modify the source was received on April 25, 2005. The modification consists of adding twelve new tanks to their Title V operating permit:

- (1) One (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of 4,000 gallons of blue ink / concentrate or black ink / concentrate;
- (2) One (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate;
- (3) Three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively;
- (4) Three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate;
- (5) Two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408 and V409 each with a maximum capacity of 10,000 gallons of finished ink;
- (6) One (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate; and
- (7) One (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinate.

Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter call (800) 451-6027 and ask for Lawrence Stapf extension 2-8427, or directly dial (317) 232-8427.

Sincerely,
Original signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

LS

cc: File - Kosciusko County
Kosciusko County Health Department
Air Compliance Section Inspector: Doyle Houser
Compliance Data Section
Administrative and Development



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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Flint Ink North America Corporation
3025 West Old Road 30
Warsaw, IN 46580-0287**

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

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

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

Operation Permit No.: T085-7115-00037	
Original signed by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: June 8, 2001 Expiration Date: June 8, 2006

First Significant Permit Modification 085-21255-00037	Pages Affected: 4-5, 21-38; and address changes: 6-9, 12-14, 16, 18-22, 31
Original signed by: Paul Dubenetzky, Chief Permits Branch Office of Air Quality	Issuance Date: September 2, 2005

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SECTION A

SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary printing ink production plant.

Responsible Official: Charles Tauchman
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. BOX 287, Warsaw, IN, 46580-0287
Phone Number: 219-269-4603
SIC Code: 2893
County Location: Kosciusko
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD Rules;
Major Source, Section 112 of the Clean Air Act

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) ink and concentrate mixing area, installed in 1981, exhausting to the interior of the building, and consisting of:
 - (1) two (2) V series beveled bottom fixed roof dome tanks, identified as V100-V101, each with a maximum capacity of 4,000 gallons of clear ink and concentrate;
 - (2) two (2) V series beveled bottom fixed roof dome tanks, identified as V102-V103, each with a maximum capacity of 4,000 gallons of yellow ink and concentrate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V104, with a maximum capacity of 4,000 gallons of red ink and concentrate;
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V105, with a maximum capacity of 4,000 gallons of blue or black ink and concentrate;
 - (5) one (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of 4,000 gallons of blue or black ink and concentrate (installed 2005);
 - (6) one (1) Ink Loading (Finished Ink) operation, exhausting to the atmosphere
 - (7) one (1) Ink Loading (Resinate) operation, exhausting to the atmosphere,
 - (8) one (1) Ink Loading, In (Toluene) operation, exhausting to the atmosphere,
 - (9) one (1) Ink Loading, Out (Toluene) operation, exhausting to the atmosphere
 - (10) three (3) V series fixed roof dome tanks, identified as PM101 through PM103, each with a maximum capacity of 375 gallons of custom inks and concentrate.

- (b) one (1) exterior raw material storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V502 through V504, each with a maximum capacity of 17,000 gallons of toluene; and
 - (2) two (2) V series fixed roof dome tanks, identified as V505 and V506, each with a maximum capacity of 30,000 gallons of resinate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate (installed 2005); and

- (4) one (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinates (installed 2005 and moved to the interior of facility building).
- (c) one (1) concentrate surge area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V151, V160 and V161, each with a maximum capacity of 500 gallons of concentrate;
- (d) one (1) intermediate storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series fixed roof dome tanks, identified as V203, V204, V205, V207, V400, and V403 each with a maximum capacity of 10,000 gallons of concentrate;
 - (2) two (2) V series fixed roof dome tanks, identified as V208 and V213, each with a maximum capacity of 6,200 gallons of concentrate;
 - (3) one (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate (installed 2005);
 - (4) three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively (installed 2005); and
 - (5) three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate (installed 2005).
- (e) one (1) finished ink storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series cone bottom fixed roof dome tanks, identified as V401, V402, V404 through V407, each with a maximum capacity of 10,000 gallons of ink; and
 - (2) two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408 and V409 each with a maximum capacity of 10,000 gallons of finished ink (installed 2005).
- (f) Loading racks for loading finished product and solvents, with a maximum capacity of 12,000 gallons per hour;
- (g) Building vents (CEF-1 and CEF-2) and dust collector exhaust (F-701) venting indoor VOCs from piping losses and mixing tank losses to the atmosphere; and

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) Activities or categories not previously identified with emissions less than or equal to insignificant thresholds:
 - (1) Handling of pigments, waxes, clays and other dry materials, using a baghouse as particulate control (maximum process weight rate of 18 tons per hour of dry materials). [326 IAC 6-3-2]

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

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

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental

Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

(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
Indianapolis, Indiana 46204

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

(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. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E)]

(c) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 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, except those specifically designated as not federally enforceable, 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.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in condition B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted 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
Indianapolis, Indiana 46204

and

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

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

- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.11 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 (PMPs) 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; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.12 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 the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

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

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) 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.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

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

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

such new requirements.

- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. All previously issued operating permits are superseded by this permit.
- (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, 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. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (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)(7)]

B.14 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.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

Indiana Department of Environmental Management

Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.

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

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit 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) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

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

- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

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

Request for renewal shall be submitted to:

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

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
- (1) A timely renewal application is one that is:
- (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

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

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

Indianapolis, Indiana 46204

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

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

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

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

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

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) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

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

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2]

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy any records that must be kept under the conditions of this permit;
- (c) Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor 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.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204
- The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 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. Pursuant 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Particulate 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.2 Opacity [326 IAC 5-1]

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

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

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

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

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

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

Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **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.8 Performance Testing [326 IAC 3-6]

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 26 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

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

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

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

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3] Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

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

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

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

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

The ERP does 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.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

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

(a) A compliance schedule for meeting the requirements of 40 CFR 68; or

(b) As a part of the annual 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);

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

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

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120)

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

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

The 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.15 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 estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
- (2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) 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
Indianapolis, Indiana 46204

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

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

- (a) Records of all required data, reports 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. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is a reasonable possibility that a "project" (as defined in 326 IAC 2-2-1 (qq)) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a "major

modification” (as defined in 326 IAC 2-2-1 (ee)) may result in significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1 (rr)), the Permittee shall comply with following:

- (1) Prior to commencing the construction of the “project” (as defined in 326 IAC 2-2-1 (qq)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii); and
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

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

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204
- (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 required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (e) 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. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

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

SECTION D.1

FACILITY OPERATION CONDITIONS

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

- (a) one (1) ink and concentrate mixing area, installed in 1981, exhausting to the interior of the building, and consisting of:
 - (1) two (2) V series beveled bottom fixed roof dome tanks, identified as V100-V101, each with a maximum capacity of 4,000 gallons of clear ink and concentrate;
 - (2) two (2) V series beveled bottom fixed roof dome tanks, identified as V102-V103, each with a maximum capacity of 4,000 gallons of yellow ink and concentrate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V104, with a maximum capacity of 4,000 gallons of red ink and concentrate;
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V105, with a maximum capacity of 4,000 gallons of blue or black ink and concentrate;
 - (5) one (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of 4,000 gallons of blue or black ink and concentrate (installed 2005);
 - (6) one (1) Ink Loading (Finished Ink) operation, exhausting to the atmosphere
 - (7) one (1) Ink Loading (Resinate) operation, exhausting to the atmosphere,
 - (8) one (1) Ink Loading, In (Toluene) operation, exhausting to the atmosphere,
 - (9) one (1) Ink Loading, Out (Toluene) operation, exhausting to the atmosphere
 - (10) three (3) V series fixed roof dome tanks, identified as PM101 through PM103, each with a maximum capacity of 375 gallons of custom inks and concentrate.
- (b) one (1) exterior raw material storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V502 through V504, each with a maximum capacity of 17,000 gallons of toluene; and
 - (2) two (2) V series fixed roof dome tanks, identified as V505 and V506, each with a maximum capacity of 30,000 gallons of resinate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate (installed 2005); and
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinate (installed 2005 and moved to the interior of facility building).
- (c) one (1) concentrate surge area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V151, V160 and V161, each with a maximum capacity of 500 gallons of concentrate;
- (d) one (1) intermediate storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series fixed roof dome tanks, identified as V203, V204, V205, V207, V400, and V403 each with a maximum capacity of 10,000 gallons of concentrate; and
 - (2) two (2) V series fixed roof dome tanks, identified as V208 and V213, each with a maximum capacity of 6,200 gallons of concentrate;
 - (3) one (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate (installed 2005);
 - (4) three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively (installed 2005); and
 - (5) three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate (installed 2005).
- (e) one (1) finished ink storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series cone bottom fixed roof dome tanks, identified as V401, V402, V404 through V407, each with a maximum capacity of 10,000 gallons of ink; and
 - (2) two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408

- and V409 each with a maximum capacity of 10,000 gallons of finished ink (installed 2005).
- (f) Loading racks for loading finished product and solvents, with a maximum capacity of 12,000 gallons per hour; and
 - (g) Building vents (CEF-1 and CEF-2) and dust collector exhaust (F-701) venting indoor VOCs from piping losses and mixing tank losses to the atmosphere.

(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 Minor Permit Limit Volatile Organic Compound Reduction Requirements [326 IAC 8-1-6]

In order to render the requirements of 326 IAC 8-1-6 not applicable, the Volatile Organic Compound (VOC) input to each emission unit shall be less than 25 tons per twelve (12) consecutive month period. This minor permit limit shall limit the throughput in tons of materials per twelve (12) consecutive month period according to the following:

- (a) The total amount of product input to the clear ink and concentrate tanks (V100-V101) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of clear ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.
- (b) The total amount of product input to the yellow ink and concentrate tanks (V102-V103) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of yellow ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.
- (c) The total amount of product input to the red ink and concentrate tank (V104) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of red ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.
- (d) The total amount of product input to the blue or black ink and concentrate tanks (V105-V106) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of blue or black ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

The usage limit for tanks V100 through V106, V210, V211 and V507 shall be based upon the following:

- (1) (total amount of product input) x (emission factor in pounds VOC per pound of product manufactured) = (potential to emit (PTE) VOC)
- (2) an emission factor of 0.00066 pounds VOC per pound of product manufactured; or
- (3) any other factor determined in a stack test approved by OAQ.

Compliance with these limits is equivalent to VOC emissions of less than 25 tons per twelve (12) consecutive month period and will render the requirements of 326 IAC 8-1-6 not applicable to each of the emission units. Compliance with these limits shall be

determined at the end of each month.

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

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

Compliance Determination Requirements

D.1.3 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

During the period between 30 and 36 months after issuance of the Part 70 Operating Permit, in order to verify the emission factor used to determine the production limit in Condition D.1.1, the Permittee shall perform VOC testing utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C- Performance Testing.

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

D.1.4 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1.
- (1) Records of production for each month;
 - (2) The emission factor used for each compliance period;
 - (3) The color of ink used in each tank subject to Conditions D.1.1 (h) through (k); and
 - (4) The material type used in each tank in Conditions D.1.1 (l) through (m).
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements of this permit.

D.1.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (a) Activities or categories not previously identified with emissions less than or equal to insignificant thresholds
- (1) Handling of pigments, waxes, clays and other dry materials, using a baghouse as particulate control (maximum process weight rate of 18 tons per hour of dry materials).

(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 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the handling of pigments, waxes, clays and other dry materials shall not exceed 28.4 pounds per hour when operating at a process weight rate of 18 tons per hour. The pounds per hour limitation was calculated using the following equation:

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

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.2.2 Particulate Matter (PM)

In order to comply with D.2.1, the baghouse for PM control shall be in operation and control emissions from the Handling of pigments, waxes, clays and other dry materials at all times that the Handling of pigments, waxes, clays and other dry materials are in operation.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**Office of Air Quality
COMPLIANCE BRANCH
100 North Senate Avenue
Indianapolis, Indiana 46204
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 - 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.

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

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

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

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
 Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
 Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
 Part 70 Permit No.: T085-7115-00037
 Facility: clear ink and concentrate tanks (V100-V101)
 Parameter: VOC input

Limit: The total amount of product input to the clear ink and concentrate tanks (V100-V101) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of clear ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
 Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
 Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
 Part 70 Permit No.: T085-7115-00037
 Facility: yellow ink and concentrate tanks (V102-V103)
 Parameter: VOC input

Limit: The total amount of product input to the yellow ink and concentrate tanks (V102-V103) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of yellow ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
 Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
 Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
 Part 70 Permit No.: T085-7115-00037
 Facility: red ink and concentrate tank (V104)
 Parameter: VOC input

Limit: The total amount of product input to the red ink and concentrate tank (V104) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of red ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037
Facility: blue or black ink / concentrate tanks (V105-V106)
Parameter: VOC input

Limit: The total amount of product input to the blue or black ink and concentrate tanks (V105-V106) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of blue ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037

Months: _____ to _____ in Year: _____

Page 1 of 2

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

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

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

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

**Technical Support Document (TSD)
Significant Source Modification and
Significant Permit Modification to a Part 70 Operating Permit**

Source Background and Description

Source Name:	Flint Ink North America Corporation
Source Location:	3025 West Old Road 30, Warsaw, IN, 46580
Mailing Address:	P.O. BOX 287, Warsaw, IN, 46580-0287
County:	Kosciusko
SIC Code:	2893
Operation Permit No.:	T085-7115-00037
Operation Permit Issuance Date:	June 8, 2001
First Significant Source Modification No.:	085-21130-00037
First Significant Permit Modification No.:	085-21255-00037
Permit Reviewer:	LStapf
Source Status:	Part 70 Operating Permit Program Minor Source, PSD rules Major Source, Section 112 Clean Air Act Not one of the 28 listed source categories

History

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit application from Flint Ink North America Corporation relating to the operation of a printing ink production plant.

This Part 70 operating permit contains provisions intended to satisfy the requirements of the construction permit rules.

Emission Units and Pollution Control Equipment

This modification shall consist of adding the following emission units and pollution control equipment:

- (1) One (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of 4,000 gallons of blue ink / concentrate or black ink / concentrate;
- (2) One (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate;
- (3) Three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively;
- (4) Three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate;
- (5) Two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408 and V409 each with a maximum capacity of 10,000 gallons of finished ink;

- (6) One (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate; and
- (7) One (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinate.

Insignificant Activities

Storage tank V206 handling waxes is classified as an insignificant activity, as defined in 326 IAC 2-7-1(21).

Enforcement Issue

There are no enforcement actions pending for this source.

Recommendation

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

Unless otherwise stated, information used in this review was derived from the April 25, 2005 application and additional information submitted by the applicant on May 26, 2005 and June 16, 2005.

Emission Calculations

The calculations were submitted by the applicant and are provided in Appendix A of this document.

Potential to Emit of the Modification Before Controls

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

This table reflects the PTE before controls for the modification. Control equipment is not federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential to Emit (tons/yr)
PM	0
PM-10	0
SO ₂	0
VOC	17.6
CO	0
NO _x	0
Single highest HAP	16.8
Total HAPs	17.3

Justification for Modification

This source modification is being performed pursuant to 326 IAC 2-7-10.5(f)(6) because this emission unit has the potential to emit more than 10 tons per year of a single HAP (i.e. toluene). Therefore, the Title V permit is being modified through a Significant Permit Modification pursuant to 326 IAC 2-7-12(d).

The Significant Source Modification (085-21130-00037) will be incorporated into the Part 70 permit (085-7115-00037) through Significant Permit Modification (085-21255-00037) for the source to operate the new emission unit.

County Attainment Status

The source is located in Kosciusko County.

County Attainment Status	
Pollutant	Status
PM ₁₀	Attainment
PM _{2.5}	Attainment
SO ₂	Attainment
NO ₂	Attainment
1-Hour Ozone	Attainment
8-Hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and oxides of nitrogen (NO_x) are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Kosciusko County has been designated as attainment or unclassifiable for 1-hour ozone, and the 8-hour ozone (effective April 30, 2004). Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.
- (b) Kosciusko County has been classified as attainment or unclassifiable for PM₁₀, SO₂, NO₂, CO, and lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.
- (b) Kosciusko County has been classified as attainment or unclassifiable for PM_{2.5} (effective April 5, 2005). U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM_{2.5} emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM_{2.5} emissions, it has directed states to regulate PM₁₀ emissions as surrogate for PM_{2.5} emissions. Therefore, these proposed increases in particulate matter emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Source Status

The existing source PSD emissions (after controls, based on 8,760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (ton/year)
PM	less than 250
PM ₁₀	less than 250
SO ₂	less than 250
NO _x	less than 250
VOC	less than 250
CO	less than 250
Lead	less than 250

Pursuant to 326 IAC 2-2-1(gg)(2), the existing source is not a major stationary source for PSD purposes because all of the criteria pollutants are emitted at a rate of less than 250 tons per year. The source is not one of the 28 listed source categories.

Potential to Emit of Modification after Issuance

The table below summarizes the emissions from the modification after controls, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 Operating permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Potential to Emit (tons/year)
Process / Emission Unit	VOC
New emission units after controls	17.6

- (a) Fugitive Emissions
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive volatile organic compound (VOC) emissions are not counted toward determination of PSD applicability.

This modification to an existing minor stationary source is not major for PSD because the VOC emissions increase due to the modification is less than the PSD threshold of 250 tons VOC per year. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply to this modification.

Federal Rule Applicability

- (a) 40 CFR 64 Compliance Assurance Monitoring
 This significant modification does not involve a pollutant-specific emissions unit as defined in 40 CFR 64.1 for VOC and HAPs:
 - (1) with the potential to emit before controls equal to or greater than the major source threshold for VOC and HAPs,
 - (2) that is subject to an emission limitation or standard for VOC and HAPs, and
 - (3) uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable to this modification.

- (b) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in this permit modification.
- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), Subpart HHHHH: Miscellaneous Coating Manufacturing are not included in the permit for this source.

State Rule Applicability – Individual Facilities

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

The equipment at this source is normally subject to 326 IAC 8-1-6 (New Facilities, General Reduction Requirements) which mandates that a Best Available Control Technology (BACT) analysis be performed for new facilities commencing operations after January 1, 1980 which have potential VOC emissions of 25 tons or more and are not regulated by other provisions of Article 8.

The emission unit V106 has been replaced with a new tank that shall meet the existing permit condition:

- (a) The total amount of product input to the blue or black ink and concentrate tanks (V105-V106) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of blue or black ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

The usage limit for tank V106 shall be based upon the following:

- (1) (total amount of product input) x (emission factor in pounds VOC per pound of product manufactured) = (potential to emit (PTE) VOC);
- (2) an emission factor of 0.00066 pounds VOC per pound of product manufactured;
- or
- (3) any other factor determined in a stack test approved by OAQ.

Compliance with these permit limitations make 326 IAC 8-1-6 not applicable.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

The source is not subject to the requirements of 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) because this source is not located in one of the listed counties (Clark, Floyd, Lake or Porter Counties).

Compliance Requirements

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

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

The compliance monitoring requirements applicable to this emission unit are as follows:

- (a) Visible emissions; and
- (b) Inspection results;

Changes Proposed

The following are the changes to the Part 70 Operating Permit T085-7115-00037, issued on June 8, 2001, due to the proposed significant source modification (any changes are shown in **bold** or ~~strikeout~~ fonts for emphasis):

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) ink and concentrate mixing area, installed in 1981, exhausting to the interior of the building, and consisting of:
 - (1) two (2) V series beveled bottom fixed roof dome tanks, identified as V100-V101, each with a maximum capacity of 4,000 gallons of clear ink and concentrate;
 - (2) two (2) V series beveled bottom fixed roof dome tanks, identified as V102-V103, each with a maximum capacity of 4,000 gallons of yellow ink and concentrate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V104, with a maximum capacity of 4,000 gallons of red ink and concentrate;
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V105, with a maximum capacity of 4,000 gallons of blue **or black** ink and concentrate;
 - (5) one (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of ~~2,200~~ **4,000** gallons of blue **or black** ink and concentrate **(installed 2005)**;
 - (6) one (1) Ink Loading (Finished Ink) operation, exhausting to the atmosphere
 - (7) one (1) Ink Loading (Resinate) operation, exhausting to the atmosphere,
 - (8) one (1) Ink Loading, In (Toluene) operation, exhausting to the atmosphere,
 - (9) one (1) Ink Loading, Out (Toluene) operation, exhausting to the atmosphere
 - (10) three (3) V series fixed roof dome tanks, identified as PM101 through PM103, each with a maximum capacity of 375 gallons of custom inks and concentrate.
- (b) one (1) exterior raw material storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V502 through V504, each with a maximum capacity of 17,000 gallons of toluene; and
 - (2) two (2) V series fixed roof dome tanks, identified as V505 and V506, each with a maximum capacity of 30,000 gallons of resinate;
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate (installed 2005); and**
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinate (installed 2005 and moved to the interior of facility building).**
- (c) one (1) concentrate surge area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V151, V160 and V161, each with a maximum capacity of 500 gallons of concentrate;
- (d) one (1) intermediate storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series fixed roof dome tanks, identified as V203, V204, V205, V207, V400, and V403 each with a maximum capacity of 10,000 gallons of concentrate;
 - (2) two (2) V series fixed roof dome tanks, identified as V208 and V213, each with a maximum capacity of 6,200 gallons of concentrate; ~~and~~

- (3) **one (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate (installed 2005);**
- (4) **three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively (installed 2005); and**
- (5) **three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate (installed 2005).**
- (e) one (1) finished ink storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series cone bottom fixed roof dome tanks, identified as V401, V402, V404 through V407, each with a maximum capacity of 10,000 gallons of ink; **and**
 - (2) **two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408 and V409 each with a maximum capacity of 10,000 gallons of finished ink (installed 2005).**
- (f) Loading racks for loading finished product and solvents, with a maximum capacity of 12,000 gallons per hour; and
- (g) Building vents (CEF-1 and CEF-2) and dust collector exhaust (F-701) venting indoor VOCs from piping losses and mixing tank losses to the atmosphere.

Indiana was required to incorporate credible evidence provisions into state rules consistent with the SIP call published by U.S. EPA in 1997 (62 FR 8314). Indiana has incorporated the credible evidence provision in 326 IAC 1-1-6. This rule is effective March 16, 2005; therefore, the condition reflecting this rule will be incorporated into your permit as follows:

B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

C.16 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) **If there is a reasonable possibility that a “project” (as defined in 326 IAC 2-2-1 (qq)) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a “major modification” (as defined in 326 IAC 2-2-1 (ee)) may result in significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1 (rr)), the Permittee shall comply with following:**
 - (1) **Prior to commencing the construction of the “project” (as defined in 326 IAC 2-2-1 (qq)) at an existing emissions unit, document and maintain the following records:**
 - (A) **A description of the project.**

- (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.**
- (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;**
 - (ii) Projected actual emissions;**
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii); and**
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.****
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and**
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.**

SECTION D.1

FACILITY OPERATION CONDITIONS

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

- (a) one (1) ink and concentrate mixing area, installed in 1981, exhausting to the interior of the building, and consisting of:
 - (1) two (2) V series beveled bottom fixed roof dome tanks, identified as V100-V101, each with a maximum capacity of 4,000 gallons of clear ink and concentrate;**
 - (2) two (2) V series beveled bottom fixed roof dome tanks, identified as V102-V103, each with a maximum capacity of 4,000 gallons of yellow ink and concentrate;**
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V104, with a maximum capacity of 4,000 gallons of red ink and concentrate;**
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V105, with a maximum capacity of 4,000 gallons of blue or black ink and concentrate;**
 - (5) one (1) V series beveled bottom fixed roof dome tank, identified as V106, with a maximum capacity of ~~2,200~~ 4,000 gallons of blue or black ink and concentrate (installed 2005);**
 - (6) one (1) Ink Loading (Finished Ink) operation, exhausting to the atmosphere**
 - (7) one (1) Ink Loading (Resinate) operation, exhausting to the atmosphere,**
 - (8) one (1) Ink Loading, In (Toluene) operation, exhausting to the atmosphere,**
 - (9) one (1) Ink Loading, Out (Toluene) operation, exhausting to the atmosphere**
 - (10) three (3) V series fixed roof dome tanks, identified as PM101 through PM103, each with a maximum capacity of 375 gallons of custom inks and concentrate.****
- (b) one (1) exterior raw material storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V502 through V504, each with a maximum capacity of 17,000 gallons of toluene; and**
 - (2) two (2) V series fixed roof dome tanks, identified as V505 and V506, each with a maximum capacity of 30,000 gallons of resinate;**
 - (3) one (1) V series beveled bottom fixed roof dome tank, identified as V507, with a maximum capacity of 25,000 gallons of resinate (installed 2005); and**
 - (4) one (1) V series beveled bottom fixed roof dome tank, identified as V211, with a maximum capacity of 12,000 gallons of resinate (installed 2005)****

- and moved to the interior of facility building).**
- (c) one (1) concentrate surge area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) three (3) V series fixed roof dome tanks, identified as V151, V160 and V161, each with a maximum capacity of 500 gallons of concentrate;
 - (d) one (1) intermediate storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series fixed roof dome tanks, identified as V203, V204, V205, V207, V400, and V403 each with a maximum capacity of 10,000 gallons of concentrate; **and**
 - (2) two (2) V series fixed roof dome tanks, identified as V208 and V213, each with a maximum capacity of 6,200 gallons of concentrate; **and**
 - (3) **one (1) V series fixed roof dome tank, identified as V150, with a maximum capacity of 200 gallons of concentrate (installed 2005);**
 - (4) **three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V209, V210, and V211 each with a maximum capacity of 10,000 gallons of Gilsonite, concentrate and waxes, respectively (installed 2005); and**
 - (5) **three (3) V series fixed roof dome tanks, identified as Intermediate Storage Tanks V107, V108, and V109 each with a maximum capacity of 6,000 gallons of concentrate (installed 2005).**
 - (e) one (1) finished ink storage area, installed in 1981, exhausting to the atmosphere and consisting of:
 - (1) six (6) V series cone bottom fixed roof dome tanks, identified as V401, V402, V404 through V407, each with a maximum capacity of 10,000 gallons of ink; **and**
 - (2) **two (2) V series fixed roof dome tanks, identified as Finished Ink Storage Tanks V408 and V409 each with a maximum capacity of 10,000 gallons of finished ink (installed 2005).**
 - (f) Loading racks for loading finished product and solvents, with a maximum capacity of 12,000 gallons per hour; and
 - (g) Building vents (CEF-1 and CEF-2) and dust collector exhaust (F-701) venting indoor VOCs from piping losses and mixing tank losses to the atmosphere; and
- (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 ~~General~~ **Minor Permit Limit** Volatile Organic Compound Reduction Requirements [326 IAC 8-1-6]

In order to render the requirements of 326 IAC 8-1-6 not applicable, the Volatile Organic Compound (VOC) input to each emission unit shall be less than 25 tons per twelve (12) consecutive month period. This minor permit limit shall limit the throughput in tons of materials per twelve (12) consecutive month period according to the following:

- (a) The total amount of product input to the clear ink and concentrate tanks (V100-V101) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of clear ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.
- (b) The total amount of product input to the yellow ink and concentrate tanks (V102-V103) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of yellow ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

- (c) The total amount of product input to the red ink and concentrate tank (V104) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of red ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.
- (d) The total amount of product input to the blue **or black** ink and concentrate tanks (V105-V106) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of blue **or black** ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

The usage limit for tanks V100 through V106 shall be based upon the following:

- (1) (total amount of product input) x (emission factor in pounds VOC per pound of product manufactured) = (potential to emit (PTE) VOC)
- (2) an emission factor of 0.00066 pounds VOC per pound of product manufactured; **and/or**
- (3) any other factor determined in a stack test approved by OAQ.

Compliance with these limits **is equivalent to VOC emissions of less than 25 tons per twelve (12) consecutive month period and will render the requirements of** ~~makes~~ 326 IAC 8-1-6 not applicable **to each of the emission units. Compliance with these limits shall be determined at the end of each month.**

D.1.3 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

During the period between 30 and 36 months after issuance of the **Part 70 Operating** Permit, in order to verify the emission factor used to determine the production limit in Condition D.1.1, the Permittee shall perform VOC testing utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C- Performance Testing.

D.1.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does ~~not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

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

- (a) Activities or categories not previously identified with emissions less than or equal to insignificant thresholds
- (1) Handling of pigments, waxes, clays and other dry materials, using a baghouse as particulate control (maximum process weight rate of **18** tons per hour of dry materials).

(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 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the handling of pigments, waxes, clays and other dry materials shall not exceed **28.4** ~~24.0~~ pounds per hour **when operating at a process weight rate of 18 tons per hour. The pounds per hour limitation was calculated using the following equation:**

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

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

[Note: Sections D.2.3 through D.2.8 are to be removed because those requirements do not apply to insignificant activities.]

~~D.2.3 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 and its control device.~~

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

~~D.2.4 Visible Emissions Notations~~

- ~~(a) Daily visible emission notations of the handling of pigments, waxes, clays and other dry materials baghouse stack exhaust shall be performed 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. Failure to take~~

~~response steps in accordance with Section C – Compliance Monitoring Plan – Failure to Take Response Steps, shall be considered a violation of this permit.~~

D.2.5 – Parametric Monitoring

~~The Permittee shall record the total static pressure drop across the baghouse used in conjunction with the handling of pigments, waxes, clays and other dry materials, at least once per shift when the handling of pigments, waxes, clays and other dry materials is in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 3.0 and 6.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading. Failure to take response steps in accordance with Section C – Compliance Monitoring Plan – Failure to Take Response Steps, shall be considered a violation of this permit.~~

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

D.2.6 – Baghouse Inspections

~~An inspection shall be performed each calendar quarter of all bags controlling the woodworking operation when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.~~

D.2.7 – Broken or Failed Bag Detection

~~In the event that bag failure has been observed:~~

- ~~(a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B – Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C – Compliance Monitoring Plan – Failure to Take Response Steps, shall be considered a violation of this permit.~~
- ~~(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).~~

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

D.2.8 – Record Keeping Requirements

- ~~(a) To document compliance with Condition D.2.4, the Permittee shall maintain records of daily visible emission notations of the handling of pigments, waxes, clays and other dry materials baghouse stack exhaust.~~
- ~~(b) To document compliance with Condition D.2.5, the Permittee shall maintain the following:
 - ~~(1) Weekly records of the following operational parameters during normal operation when venting to the atmosphere:~~~~

~~(A) Inlet and outlet differential static pressure; and~~

~~(B) Cleaning cycle operation.~~

~~(2) Documentation of the dates vents are redirected.~~

~~(b) To document compliance with Condition D.2.6, the Permittee shall maintain records of the results of the inspections required under Condition D.2.6 and the dates the vents are redirected.~~

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**Office of Air Quality
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46204 ~~46206-6015~~
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 - 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.

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

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037
Facility: clear ink and concentrate tanks (V100-V101)
Parameter: VOC input

Limit: The total amount of product input to the clear ink and concentrate tanks (V100-V101) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of clear ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037
Facility: yellow ink and concentrate tanks (V102-V103)
Parameter: VOC input

Limit: The total amount of product input to the yellow ink and concentrate tanks (V102-V103) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of yellow ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037
Facility: red ink and concentrate tank (V104)
Parameter: VOC input

Limit: The total amount of product input to the red ink and concentrate tank (V104) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of red ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Flint Ink North America Corporation
Source Address: 3025 West Old Road 30, Warsaw, IN, 46580-0287
Mailing Address: P.O. Box 287, Warsaw, IN, 46580-0287
Part 70 Permit No.: T085-7115-00037
Facility: blue **or black** ink and concentrate tanks (V105-V106)
Parameter: VOC input

Limit: The total amount of product input to the blue **or black** ink and concentrate tanks (V105-V106) shall be limited to 37,000 tons per twelve (12) consecutive months such that the potential to emit (PTE) VOC from the manufacture of blue ink and concentrate, shall be limited to less than 25 tons per twelve (12) consecutive months. This usage limit is required to limit the potential to emit of VOC to less than 25 tons per twelve (12) consecutive month period.

Months: _____ to _____ in Year: _____

Month	VOC Input (tons)	VOC Input (tons)	VOC Input (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

The following revisions were made throughout the document to update the correct IDEM address:
100 North Senate Avenue, ~~P. O. Box 6015~~
Indianapolis, Indiana ~~46206-6015~~ **46204**

[End of revisions to permit]

Conclusion

The operation of this printing ink production plant shall be subject to the conditions of this Part 70 permit **085-7115-00037**.