

Certified Mail #: 7000 0600 0023 5188 2611

October 5, 2005



Mr. Terry Ong  
General Manager  
TIN, Inc., d/b/a Temple-Inland  
7536 Miles Drive  
Indianapolis, IN 46231

**RE:** First Notice Only Change, 097-21567-00154, to  
the Minor Source Operating Permit (MSOP)  
097-15453-00154

Dear Mr. Ong:

Inland Paperboard and Packaging Inc., located at 7536 Miles Drive, Indianapolis, IN 46231, was issued a Minor Source Operating Permit (MSOP 097-15453-00154) on April 1, 2003, for a stationary printing press.

On July 7, 2004, the First minor permit revision, 097-18983-00154, was issued. On July 21, 2005, the Office of Environmental Services (OES) received an application from TIN, Inc., d/b/a Temple-Inland, formerly Inland Paperboard and Packaging, Inc., requesting a permit modification for a name change and the addition of equipment to the pre-press process: a DuPont Platemaker 4260 TD, Emission Unit (EU) 005, a DuPont Lightfinisher 2000 ECLF, EU-006, their respective stacks (S-005 and S-006). Since the Light Finisher utilizes a high power UV light source to complete the plate curing process, this unit does not generate any emissions.

VOC PTE resulting from this pre-press operation is 1.01 tons of VOC per year. (See Appendix A for detailed calculations.)

The resulting VOC emission is less than 5 ton/yr. Therefore, pursuant to 326 IAC 2-6.1-6 (Permit revisions; MSOP) and 326 IAC 2-1.1-3 (Exemptions), this change qualifies for a Notice Only Change (NOC).

The current source's total PTE VOC is 64.41 ton/yr. This Notice Only Change VOC emission increase will not change the source's permit status.

The following changes were made to the following permit conditions, to reflect the addition of the new emission units to general and descriptive information. In addition the Table of Contents (TOC) and notification addresses have been changed to reflect new information. The **bold** language is new language that has been added, and the language with a ~~line through it~~ has been taken out. Pursuant to the provisions of 326 IAC 2-6.1-6(d) and (e), the MSOP is hereby revised as follows:

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a ~~portable~~ **stationary** printing press operation.

Authorized Individual: ~~Terry Ong~~ **General Manager**  
Phone Number: (317) 481-4000  
Source Address: 7536 Miles Drive, Indianapolis, IN 46231  
Mailing Address: 7536 Miles Drive, Indianapolis, IN 46231  
SIC Code: 2796  
County Location: Marion  
County Status: **Nonattainment for 8-hour ozone standard**  
**Nonattainment for PM-2.5**  
Attainment for all **other** criteria pollutants  
Source Status: Minor Source, Section 112 of the Clean Air Act  
Minor Source under PSD **and Emission Offset** Rules

Department of Public Works  
Office of Environmental Services  
2700 South Belmont Avenue (317) 327-2234  
Indianapolis, Indiana 46221 (fax) 327-2274  
**(TDD) 325-5186**  
www.indygov.org

A.2 Emissions units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

- (d) **One (1) DuPont Platemaking Fast Unit equipment (Emission Unit ID 005), model number 4260 TD, constructed and installed in August 2005, with a maximum operating capacity of 229,950 square feet per year (sq.ft/yr), exhausting to one (1) stack, identified as Stack ID 05.**
- (e) **One (1) DuPont UV Light Finisher equipment (Emission Unit ID 006), model number 2000 ECLF, constructed and installed in August 2005, with a maximum operating capacity of 70 plates per day, exhausting to one (1) stack, identified as Stack ID 06.**

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

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

- (d) **One (1) DuPont Platemaking Fast Unit equipment (Emission Unit ID 005), model number 4260 TD, constructed and installed in August 2005, with a maximum operating capacity of 229,950 square feet per year (sq.ft/yr), exhausting to one (1) stack, identified as Stack ID 05.**
- (e) **One (1) DuPont UV Light Finisher equipment (Emission Unit ID 006), model number 2000 ECLF, constructed and installed in August 2005, with a maximum operating capacity of 70 plates per day, exhausting to one (1) stack, identified as Stack ID 06.**

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

If you have any questions on this matter, please contact Carmen Bugay via e-mail at [cbugay@indygov.org](mailto:cbugay@indygov.org) or phone at (317) 327-2512. A copy of the revised permit is enclosed.

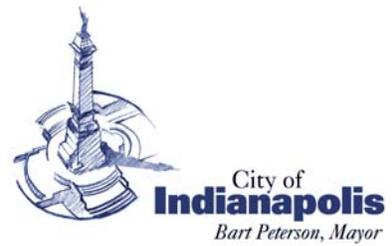
Sincerely,

Original signed by,

Felicia A. Robinson  
Manager of Environmental Planning  
Indianapolis Office of Environmental Services

Enclosure: Revised MSOP  
Appendix A

cc: Mindy Hahn, IDEM, OAQ  
Marion County Health Department  
Matt Mosier, OES, Air Compliance  
OES files (3)



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**MINOR SOURCE OPERATING PERMIT (MSOP)**

**TIN, Inc., d/b/a Temple-Inland  
7536 Miles Drive  
Indianapolis, Indiana 46231**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

|   |  |
|---|--|
| Operation Permit No.: MSOP 097-15453-00154  |  |
| Issued by:<br><br>Original signed by,<br><br>John B. Chavez, Administrator<br>Office of Environmental Services                            | Issuance Date: April 1, 2003<br><br>Expiration Date: April 1, 2008 |
| First Minor Permit Revision: 097-18983-00154  | Pages Affected: 2,3,10 and 11                                      |
| Issued by:<br><br>Original signed by Keith D. Veal, for<br><br>John B. Chavez, Administrator<br>Office of Environmental Services          | Issuance Date: July 7, 2004<br><br>Expiration Date: April 1, 2008  |
| First Notice-Only-Change: 097-21567-00154   | Conditions modified: A.1, A.2, and Section D.1.                    |
| Issued by:<br><br>Original signed by,<br><br>Felicia A. Robinson<br>Manager of Environmental Planning<br>Office of Environmental Services | Issuance Date: October 5, 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) and Indianapolis Office of Environmental Services (OES). 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 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

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The Permittee owns and operates a stationary printing press operation.

|                         |   |
|-------------------------|---|
| Authorized Individual:  | General Manager   |
| Source Address:         | 7536 Miles Drive, Indianapolis, IN 46231  |
| Mailing Address:        | 7536 Miles Drive, Indianapolis, IN 46231  |
| General Source Phone:   | (317) 481-4000  |
| SIC Code:               | 2796  |
| County Location:        | Marion  |
| Source Location Status: | Nonattainment for 8-hour ozone standard<br>Nonattainment for PM-2.5<br>Attainment for all other criteria pollutants |
| Source Status:          | Minor Source, Section 112 of the Clean Air Act<br>Minor Source, under PSD and Emission Offset Rules                 |

### A.2 Emissions Units and Pollution Control Equipment Summary

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This stationary source is approved to operate the following emissions units and pollution control devices:

- (a) Three (3) flexographic printing presses (Emission Unit ID 001), installed in 1992, with a maximum line speed of 1200 square feet per minute (sq. ft./min.) and a maximum print width of 96 inches (in.), constructed September, 1992, exhausting at three (3) stacks, identified Stack ID 01, 02, and 03.
- (b) Three (3) natural gas fired driers (Emission Unit ID 002), installed in 1992, two (2) with a maximum capacity of 2.75 million Btu per hour (MM BTU/hr.), and one (1) with maximum capacity of 8.0 million Btu per hour (MM BTU/hr.) constructed September, 1992, exhausting at three (3) stacks, identified Stack ID 01, 02, and 03.
- (c) One (1) 3002i DuPont Platemaking equipment (Emission Unit ID 003), installed in 1992 with a maximum operating capacity of 487,000 square feet per year (sq. ft./yr.), constructed December 28, 1998, exhausting at one (1) stack, identified Stack ID 04.
- (d) One (1) DuPont Platemaking Fast Unit equipment (Emission Unit ID 005), model number 4260 TD, constructed and installed in August 2005, with a maximum operating capacity of 229,950 square feet per year (sq.ft/yr), exhausting to one (1) stack, identified as Stack ID 05.
- (e) One (1) DuPont UV Light Finisher equipment (Emission Unit ID 006), model number 2000 ECLF, constructed and installed in August 2005, with a maximum operating capacity of 70 plates per day, exhausting to one (1) stack, identified as Stack ID 06.

## **SECTION B GENERAL CONDITIONS**

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

### **B.1 Permit No Defense [IC 13]**

This permit to operate does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

### **B.2 Permit Term and Renewal [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5]**

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

The Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date. If a timely and sufficient permit application for a renewal has been made, this permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

### **B.3 Modification to Permit [326 IAC 2]**

All requirements and conditions of this operating permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2 (Permit Review Rules).

### **B.4 Minor Source Operating Permit [326 IAC 2-6.1]**

Notwithstanding the Section B condition entitled "Minor Source Operating Permit", all requirements and conditions of this construction permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2 (Permit Review Rules).

### **B.5 Local Agency Requirement**

An application for an operation permit must be made ninety (90) days before start up to:

**Indiana Department of  
Environmental Management  
Office of Air Quality  
Compliance Data Section  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

and

**Indianapolis Office of  
Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

The operation permit issued by Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), and the Indianapolis Office of Environmental Services (OES) shall contain as a minimum the conditions in the Operation Conditions section of this permit.

### **B.6 Annual Notification [326 IAC 2-6.1-5(a)(5)]**

(a) Annual notification shall be submitted to the IDEM, OAQ and OES stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.

(b) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.

- (c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

**Indiana Department of  
Environmental Management  
Office of Air Quality  
Compliance Data Section  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

and

**Indianapolis Office of  
Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

- (d) The notification 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, and OES on or before the date it is due.

**B.7 Preventive Maintenance Plan [326 IAC 1-6-3]**

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- (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) after issuance of this permit, including the following information on each emissions unit:

- (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:

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 PMP's shall be submitted to IDEM, OAQ, and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ, and OES. IDEM, OAQ, and OES may require the Permittee to revise its PMP whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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 IDEM Commissioner, OES Administrator or their representatives makes a request for records to the Permittee, the Permittee shall furnish the records to the IDEM and OES within a reasonable time.

**B.8 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]**

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- (a) Permit revisions are governed by the requirements of 326 IAC 2-6.1-6.

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

**Indiana Department of  
Environmental Management  
Office of Air Quality  
Permits Branch  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

and

**Indianapolis Office of  
Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1.

- (c) The Permittee shall notify the OAQ and OES within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

**B.9 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)][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, OES, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;
- (c) Inspect, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

**B.10 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]**

Pursuant to [326 IAC 2-6.1-6(d)(3)] :

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, and OES, Air Permits, within thirty (30) days of the change.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).
- (c) IDEM, OAQ, and OES shall issue a revised permit.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

**B.11 Annual Fee Payment [326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees to OES within thirty (30) calendar days of receipt of a billing.
  
- (b) The Permittee may call the following telephone number: (317) 327-2234 (ask for Air Compliance), to determine the appropriate permit fee.

## SECTION C

## SOURCE OPERATION CONDITIONS

|               |
|---------------|
| Entire Source |
|---------------|

### C.1 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM and OES, the fact that continuance of this permit is not consistent with purposes of this article.

### 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 thirty percent (30%) 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 Fugitive Dust Emissions [326 IAC 6-4]

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

### C.4 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  
Office of Air Quality  
Compliance Data Section  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

and

**Indianapolis Office of  
Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

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

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **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, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

## Testing Requirements

### C.5 Performance Testing [326 IAC 3-6]

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- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. 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 and  
Office of Air Quality  
Compliance Data Section  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

**Indianapolis Office of  
Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

no later than thirty-five (35) days prior to the intended test date.

- (b) The Permittee shall notify IDEM, OAQ and OES of the actual test date at least fourteen (14) days prior to the actual date.
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, and OES 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.6 Compliance Requirements [326 IAC 2-1.1-11]

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

### **Compliance Monitoring Requirements**

#### C.7 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

#### C.8 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.

#### C.9 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and OES, or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more

than one (1) hour, said condition shall be reported to OAQ, and OES using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.

- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

**C.10 General Record Keeping Requirements [326 IAC 2-6.1-5]**

- (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 Administrator makes a request for records to the Permittee, the Permittee shall furnish the records to the Administrator within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented when operation begins.

**C.11 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]**

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

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

**Indianapolis Office of  
Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

- (b) 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, and OES on or before the date it is due.
- (c) Unless otherwise specified in this permit, any 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 not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) 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.

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

- (a) Three (3) flexographic printing presses (Emission Unit ID 001), with a maximum line speed of 1200 square feet per minute (sq. ft./min.) and a maximum print width of 96 inches (in.), constructed September, 1992, exhausting at three (3) stacks, identified Stack ID 01, 02, and 03.
- (b) Three (3) natural gas fired driers (Emission Unit ID 002), two (2) with a maximum capacity of 2.75 million Btu per hour (MM BTU/hr.), and one (1) with maximum capacity of 8.0 million Btu per hour (MM BTU/hr.) constructed September, 1992, exhausting at three (3) stacks, identified Stack ID 01, 02, and 03.
- (c) One (1) 3002i DuPont Platemaking equipment (Emission Unit ID 003) with a maximum operating capacity of 487,000 square feet per year (sq. ft./yr.), constructed December 28, 1998, exhausting at one (1) stack, identified Stack ID 04.
- (d) One (1) DuPont Platemaking Fast Unit equipment (Emission Unit ID 005), model number 4260 TD, constructed and installed in August 2005, with a maximum operating capacity of 229,950 square feet per year (sq.ft/yr), exhausting to one (1) stack, identified as Stack ID 05.
- (e) One (1) DuPont UV Light Finisher equipment (Emission Unit ID 006), model number 2000 ECLF, constructed and installed in August 2005, with a maximum operating capacity of 70 plates per day, exhausting to one (1) stack, identified as Stack ID 06.

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

**Emission Limitations and Standards**

D.1.1 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.

D.1.2 Graphic Arts Operations [326 IAC 8-5-5]

Any change or modification which would increase the potential to emit VOC from any one of the presses to twenty-five (25) tons per year or more shall obtain prior approval from IDEM, OAQ, and OES, and shall be subject to 326 IAC 8-5-5.

D.1.3 Major Sources of Hazardous Air Pollutants [326 IAC 2-4.1]

Any change or modification which would increase the potential to emit for the presses to emit a single hazardous air pollutant (HAP) to ten (10) tons per year or more or a combination of HAPs to twenty-five (25) tons per year or more shall obtain prior approval from IDEM, OAQ, and OES and may be subject to the requirements of 326 IAC 2-4.1.

**Record Keeping and Reporting Requirements [326 IAC 2-6]**

D.1.4 Record Keeping Requirements

To document compliance with D.1.2 and D.1.3, the Permittee shall maintain records of the VOC content of each coating material and solvent used and the HAP content of the coating material and the solvent used.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY, COMPLIANCE BRANCH  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**MINOR SOURCE OPERATING PERMIT  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

|                      |                                       |
|----------------------|---------------------------------------|
| <b>Company Name:</b> | <b>TIN, Inc., d/b/a Temple-Inland</b> |
| <b>Address:</b>      | <b>7536 Miles Drive</b>               |
| <b>City:</b>         | <b>Indianapolis, Indiana 46231</b>    |
| <b>Phone #:</b>      | <b>(317) 481-4000</b>                 |
| <b>MSOP #:</b>       | <b>097-15453-00154</b>                |

I hereby certify that Inland Paperboard and Packaging, Inc. is  still in operation.  
 no longer in operation.

I hereby certify that Inland Paperboard and Packaging, Inc. is  in compliance with the requirements of MSOP 097-15453-00154.  
 not in compliance with the requirements of MSOP 097-15453-00154.

|                                       |
|---------------------------------------|
| <b>Authorized Individual (typed):</b> |
| <b>Title:</b>                         |
| <b>Signature:</b>                     |
| <b>Date:</b>                          |

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

|                       |
|-----------------------|
| <b>Noncompliance:</b> |
|                       |
|                       |
|                       |
|                       |
|                       |

**MALFUNCTION REPORT**

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES  
AIR COMPLIANCE  
FAX NUMBER (IDEM, OAQ) - 317- 233-5967  
FAX NUMBER (OES) - 317- 327-2274**

PAGE 1 OF 2

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6  
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?\_\_\_\_\_, 25 TONS/YEAR SULFUR DIOXIDE ?\_\_\_\_\_, 25 TONS/YEAR NITROGEN OXIDES?\_\_\_\_\_, 25 TONS/YEAR VOC ?\_\_\_\_\_, 25 TONS/YEAR HYDROGEN SULFIDE ?\_\_\_\_\_, 25 TONS/YEAR TOTAL REDUCED SULFUR ?\_\_\_\_\_, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?\_\_\_\_\_, 25 TONS/YEAR FLUORIDES ?\_\_\_\_\_, 100TONS/YEAR CARBON MONOXIDE ?\_\_\_\_\_, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?\_\_\_\_\_, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?\_\_\_\_\_, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?\_\_\_\_\_, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?\_\_\_\_\_. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION \_\_\_\_\_.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC \_\_\_\_\_ OR, PERMIT CONDITION # \_\_\_\_\_ AND/OR PERMIT LIMIT OF \_\_\_\_\_

THIS INCIDENT MEETS THE DEFINITION OF 'MALFUNCTION' AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: \_\_\_\_\_ PHONE NO. ( ) \_\_\_\_\_  
LOCATION: (CITY AND COUNTY) \_\_\_\_\_  
PERMIT NO. \_\_\_\_\_ AFS PLANT ID: \_\_\_\_\_ AFS POINT ID: \_\_\_\_\_ INSP: \_\_\_\_\_  
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: \_\_\_\_\_

DATE/TIME MALFUNCTION STARTED: \_\_\_\_/\_\_\_\_/19\_\_\_\_ AM / PM  
ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: \_\_\_\_\_

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE \_\_\_\_/\_\_\_\_/19\_\_\_\_ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: \_\_\_\_\_

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: \_\_\_\_\_

MEASURES TAKEN TO MINIMIZE EMISSIONS: \_\_\_\_\_

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL\* SERVICES: \_\_\_\_\_  
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: \_\_\_\_\_  
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: \_\_\_\_\_  
INTERIM CONTROL MEASURES: (IF APPLICABLE) \_\_\_\_\_

MALFUNCTION REPORTED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

\*SEE PAGE 2

**Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.**

**326 IAC 1-6-1 Applicability of rule**

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

**326 IAC 1-2-39 "Malfunction" definition**

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

\***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

---

**Appendix A: Emissions Calculations Summary**

**Company Name:** TIN Inc., d/b/a Temple Inland  
**Address City IN Zip:** 7536 Miles Drive, Indianapolis, IN 46231  
**First NOC No.:** MSOP 097-21567-00154  
**OP. Permit No.:** MSOP 097-15453-00154  
**Provided by:** TIN Inc., d/b/a Temple Inland  
**Verified & Modified by//Date:** Carmen Bugay, 9/12/2005

|  |                           |   |                              |                                    |                                    |
|--|---------------------------|---|------------------------------|------------------------------------|------------------------------------|
| Emission Unit: EU-005 (4260TD) Fast Unit   |                           |   |                              |                                    |                                    |
|  | <b>Potential</b>          | <b>Actual</b>                           |                              |                                    |                                    |
| Plate Size   |                           |   |                              |                                    |                                    |
| width (in)   | 42                        | 42                                      |                              |                                    |                                    |
| length (in)  | 60                        | 60                                      |                              |                                    |                                    |
| Total Sq Inch  | 2,520                     | 2,520                                   |                              |                                    |                                    |
| Total Sq Feet  | 17.5                      | 17.5                                    |                              |                                    |                                    |
| Max. Plates / day  | 36                        | 18                                      |                              |                                    |                                    |
| Max Sq. ft / day   | 630                       | 315                                     |                              |                                    |                                    |
| Days / year  | 365                       | 302                                     |                              |                                    |                                    |
| Max plates sq. ft / year   | 229,950                   | 95,130                                  |                              |                                    |                                    |
| Maximum ink coverage   | 0.0088                    | 0.0088                                  | lbs/sq. ft of printing plate |                                    |                                    |
|  |                           |   |                              |                                    |                                    |
| <b>Total Emissions (VOC/HAP)</b>   | <b>VOC content of ink</b> | <b>Potential to Emit (PTE) (lbs/yr)</b> | <b>PTE (tons/yr)</b>         | <b>PTE of VOC in ink (tons/yr)</b> | <b>PTE of HAP in ink (tons/yr)</b> |
| Acrylate Monomers  | 34.16%                    | 691.25                                  | 0.3456                       | 0.3456                             |                                    |
| Aromatic Hydrocarbon   | 27.95%                    | 565.59                                  | 0.2828                       | 0.2828                             |                                    |
| BHT  | 6.21%                     | 125.66                                  | 0.0628                       | 0.0628                             |                                    |
| Cyclohexane  | 31.06%                    | 628.52                                  | 0.3143                       | 0.0002                             |                                    |
| Toluene (HAP)  | 0.62%                     | 12.55                                   | 0.0063                       |                                    | 0.0063                             |
| <b>Total:</b>  | <b>100%</b>               | <b>2,023.56</b>                         | <b>1.0118</b>                | <b>0.6914</b>                      | <b>0.0063</b>                      |
| <b>Methodology:</b>  |                           |   |                              |                                    |                                    |
| Potential to Emit (lbs/yr) = VOC/HAP content of ink (%) x 229,950 (max sq. ft/yr) x maximum coverage (0.0088 lbs of ink /sq. ft) |                           |   |                              |                                    |                                    |
| Potential to Emit (tons/yr) = PTE (lbs/yr) / 2,000 lbs/ton   |                           |   |                              |                                    |                                    |
|  |                           |   |                              |                                    |                                    |