

TO: Interested Parties / Applicant

RE: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings / First Minor Permit
Modification 097-22631-00040

FROM: Felicia A. Robinson
Manager of Environmental Planning

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 fifteen (15) days of the receipt 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.

Enclosures



April 17, 2006

CERTIFIED MAIL 7000 0600 0023 5187 6931

Mr. Brian Deters
Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
546 West Abbott Street
Indianapolis, Indiana 46225

Re: First Minor Permit Modification 097-22631-00040
to Part 70 Operating Permit T097-18308-00040

Dear Mr. Deters:

Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings was issued a Part 70 Operating Permit Renewal, T097-18308-00040, on May 13, 2004 for a stationary coatings manufacturing operation. An Interim Minor Source Modification Approval, 097-224351-00040, was issued on January 27, 2006. An application was received from Valspar Coatings on December 22, 2005 relating to the installation of three (3) new coating filling lines to package coatings manufactured in the existing coating manufacturing line identified as emission unit CF-1.

Pursuant to the provisions of 326 IAC 2-7-10.5(d)(4) and 326 IAC 2-7-12(b), the Part 70 Operating Permit is hereby modified as described below and in the enclosed Technical Support Document with deletions in strikeout and additions in bold:

Change 1

In the minor permit modification application, Valspar stated they have designated a different Responsible Official than who is stated in Condition A.1 (General Information) of the Part 70 Operating Permit Renewal No. 097-18308-00040. Therefore, the Responsible Official designation is revised. The designated Responsible Official for Valspar meets the requirements of 326 IAC 2-7-1(34)(A)(iv).

Marion County has been classified as nonattainment for PM_{2.5} (by U.S.EPA in Federal Register Notice 70 FR 943, effective April 5, 2005). Condition A.1 (General Information) has been updated to reflect that Marion County is nonattainment for PM_{2.5}.

On April 15, 2004, USEPA designated Marion County nonattainment for the 8-hour ozone standard. Condition A.1 (General Information) has been updated to reflect that Marion County is nonattainment for the 8-hour ozone standard.



Air Quality Hotline: 317-327-4AIR | knozone.com

Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
Indianapolis, IN 46221

317-327-2234
Fax 327-2274
TDD 327-5186
indygov.org/dpw

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 coating manufacturing plant.

Responsible Official: **Divisional Vice President – Liquids & Electrocoat** ~~Thomas White~~
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
General Source Phone Number: (317) 634-8512
SIC Code: 2851
County Location: Marion
Source Location Status: **Nonattainment for ozone under the 8-hour ozone standard;
Nonattainment for PM2.5**
Attainment for all **other** criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD **and Emission Offset Rules;**
~~Minor~~ **Major** Source, Section 112 of the Clean Air Act

Change 2

The installation of three new coating filling lines to package coatings manufactured in the existing coating manufacturing line identified as CF-1 is incorporated into the Part 70 Operating Permit Condition A.2 (Emission Units and Pollution Control Equipment Summary) and into the description box in Section D.2. These changes, along with the correction of the typographical errors in the description box in Section D.3, are as follows:

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) Orr & Sembower boiler, identified as emission unit OSB, located in building 30, constructed in 1960, with a maximum heat input capacity of 14.5 million Btu per hour (MMBtu/hr), using natural gas as the primary fuel and distillate oil as a backup fuel, exhausting to stack OSB-S.
- (b) One (1) York Shipley natural gas fired boiler, identified as emission unit YSB, located in building 30, constructed in 1982, with a maximum heat input capacity of 29 million Btu per hour (MMBtu/hr), exhausting to stack YSB-S.
- (c) One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, ~~and~~ modified in 2001 **and 2006**, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, ~~and~~ cans **and pails**. This line consists of the following:
 - (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
 - (6) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.

- (8) One (1) dry ingredient handling process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
- (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
- (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
- (11) **A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.**
- (12) **A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.**
- (13) **One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.**

SECTION D.2 FACILITY OPERATION CONDITIONS

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

- (c) ~~(a)~~ One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, ~~and~~ modified in 2001 **and 2006**, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, ~~and~~ cans **and pails**. This line consists of the following:
- (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
 - (6) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
 - (8) One (1) dry ingredient handling process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
 - (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (11) **A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.**
 - (12) **A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.**
 - (13) **One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.**
- (d) ~~(b)~~ One (1) Tote paint spray booth, identified as emission unit SB28, located in building 28, constructed in 1977, using air atomization as the coating application method to coat metal totes, and using a dry filter to control particulate emissions, exhausting to stack SB28-S.
- (e) ~~(c)~~ One (1) Latex Paint Production Line, identified as emission unit EU-17, constructed in 2001 and modified in 2002, with a maximum production rate of 20,000 tons of paint per year, consisting of the following:
- (1) Two (2) raw material storage tanks, constructed in 1999, each with a maximum capacity of 6,000 and 8,000 gallons, respectively.
 - (2) Two (2) emulsion storage tanks, constructed in 2002, each with a maximum capacity of 7,000 gallons.

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

- (3) One (1) dispersion mixer, constructed in 2001, with a maximum capacity of 1,800 gallons.
- (4) One (1) letdown tank, constructed in 2001, with a maximum capacity of 4,500 gallons.
- (5) One (1) finished goods tank, constructed in 1999, with a maximum capacity of 6,000 gallons.
- (6) One (1) finished goods tank, constructed in 2001, with a maximum capacity of 8,000 gallons.
- (7) One (1) raw material loading and dispersion process, controlled by a baghouse, identified as DC17.

INSIGNIFICANT ACTIVITY

(b) ~~(d)~~ Other insignificant emitting activities with potential emissions less than the emissions level specified in 326 IAC 2-7-1(21)(A) through (C):

- (1) Tank Cleaning Operations involves rinsing and cleaning paint formulation equipment (mixing vats, dispersers, mills, etc.) either manually or by machines with reclaimed organic solvents. The dirty reclaimed solvent is sent back to the Luwa Thin Film Evaporator (Solvent Recovery Unit, SRU) for recovery of the solvents. Volatile Organic Compounds which evaporate during this process are emitted into the room air. This emission unit was existing prior to January 1, 1980.

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

SECTION D.3

FACILITY OPERATION CONDITIONS

INSIGNIFICANT ACTIVITY

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

(a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, including the following:

- (1) Cold Cleaning Operations which consist of 30 portable cold cleaning units of various sizes used to clean production and laboratory related tools and small machine parts. These cold cleaning units are charged with reclaim solvent. VOC emissions from these cold cleaning units are emitted to the building. Dirty solvents are sent back to the solvent recovery unit (SRU) and reused.

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

Change 3

Upon further review, IDEM and OES have decided to remove (d) concerning nonroad engines from Condition B.17 (Permit Amendment or Modification). 40 CFR 89, Appendix A specifically indicates that states are not precluded from regulating the use and operation of nonroad engines, such as

regulations on hours of usage, daily mass emission limits, or sulfur limits on fuel; nor are permits regulating such operations precluded, once the engine is no longer new.

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request.
[326 IAC 2-7-11(c)(3)]
- ~~(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.~~

Change 4

The 326 IAC 6-3 revisions that became effective on June 12, 2002 were approved into the State Implementation Plan on September 23, 2005. These rules replace the previous version of 326 IAC 6-3 (Process Operations) that had been part of the SIP; therefore, the requirements of the previous version of 326 IAC 6-3-2 are no longer applicable to this source. Condition C.1 has been revised to remove (a) which contained these requirements. Since the requirements of 326 IAC 6-3-2(d) that were effective June 12, 2002 are now federally enforceable, the last statement in Condition C.1 and Condition D.2.1(a) has been removed.

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

- ~~(a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.~~
- ~~(b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.~~

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

(a) Pursuant to 326 IAC 6-3-2(d), SB28 shall be controlled by a dry particulate filter. The source shall operate the filter in accordance with manufacturer's specifications. ~~This requirement to operate the control is not federally enforceable.~~

(b) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for CF-1 shall be limited by the following equation:

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

The process weight rate for CF-1 is 3.32 tons per hour. Therefore, the allowable rate of emissions for CF-1 is 9.16 pounds per hour, which is equivalent to 40 tons per year.

(c) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for EU-17 shall be limited by the following equation:

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

The process weight rate for is 0.37 tons per hour. Therefore, the allowable rate of emission for EU-17 is 2.1 pounds per hour, which is equivalent to 9.2 tons per year.

Change 5

The typographical error of 'the semi-annual period being reported' for previously existing quarterly reporting requirements in Condition D.2.10 (Record Keeping Requirements) is corrected as follows:

D.2.10 Record Keeping Requirements

A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the addresses listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the **quarter** ~~semi-annual period~~ 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).

Change 6

The IDEM, OAQ mail address has been updated and is revised throughout the Part 70 Operating Permit as follows:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6045
Indianapolis, Indiana ~~46204-2251~~ 46206-6045

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised 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, please contact Mark Caraher at (317) 327-2272 or mcaraher@indygov.org.

Sincerely,

ORIGINAL SIGNED BY:

Felicia A. Robinson
Manager of Environmental Planning

Enclosure: Revised Permit
Technical Support Document
Notice of Decision

mbc

cc: Files
Permits – Mark Caraher
Compliance - Matt Mosier
U.S. EPA, Region V
Mindy Hahn, IDEM OAQ
Marion County Health Department



**PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL
SERVICES**

**Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
546 West Abbott Street
Indianapolis, Indiana 46225**

(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.: T097-18308-00040	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality John B. Chavez, Administrator Office of Environmental Services	Issuance Date: May 13, 2004 Expiration Date: May 13, 2009
First Minor Permit Modification No.: 097-22631-00040	
Conditions Affected: A.1; A.2; D.2.10	
Issued by: ORIGINAL SIGNED BY: Felicia A. Robinson Manager of Environmental Planning Office of Environmental Services	Issuance Date: April 17, 2006 Expiration Date: May 13, 2009



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**Department of Public Works
Office of Environmental Services**

2700 Belmont Avenue
Indianapolis, IN 46221

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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 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary coating manufacturing plant.

Responsible Official:	Divisional Vice President – Liquids & Electrocoat
Source Address:	546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address:	546 West Abbott Street, Indianapolis, Indiana 46225
General Source Phone Number:	(317) 634-8512
SIC Code:	2851
County Location:	Marion
Source Location Status:	Nonattainment for ozone under the 8-hour ozone standard; Nonattainment for PM2.5
Source Status:	Attainment for all other criteria pollutants Part 70 Permit Program Minor Source, under PSD and Emission Offset Rules; Minor 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) Orr & Sembower boiler, identified as emission unit OSB, located in building 30, constructed in 1960, with a maximum heat input capacity of 14.5 million Btu per hour (MMBtu/hr), using natural gas as the primary fuel and distillate oil as a backup fuel, exhausting to stack OSB-S.
- (b) One (1) York Shipley natural gas fired boiler, identified as emission unit YSB, located in building 30, constructed in 1982, with a maximum heat input capacity of 29 million Btu per hour (MMBtu/hr), exhausting to stack YSB-S.
- (c) One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, modified in 2001 and 2006, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, cans and pails. This line consists of the following:
 - (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).

- (6) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
 - (8) One (1) dry ingredient handing process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
 - (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (11) A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.
 - (12) A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.
 - (13) One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.
- (d) One (1) Tote paint spray booth, identified as emission unit SB28, located in building 28, constructed in 1977, using air atomization as the coating application method to coat metal totes, and using a dry filter to control particulate matter emissions, exhausting to stack SB28-S.
- (e) One (1) Latex Paint Production Line, identified as emission unit EU-17, constructed in 2001 and modified in 2002, with a maximum production rate of 20,000 tons of paint per year, consisting of the following:
- (1) Two (2) raw material storage tanks, constructed in 1999, each with a maximum capacity of 6,000 and 8,000 gallons, respectively.
 - (2) Two (2) emulsion storage tanks, constructed in 2002, each with a maximum capacity of 7,000 gallons.
 - (3) One (1) dispersion mixer, constructed in 2001, with a maximum capacity of 1,800 gallons.
 - (4) One (1) letdown tank, constructed in 2001, with a maximum capacity of 4,500 gallons.
 - (5) One (1) finished goods tank, constructed in 1999, with a maximum capacity of 6,000 gallons.
 - (6) One (1) finished goods tank, constructed in 2001, with a maximum capacity of 8,000 gallons.
 - (7) One (1) raw material loading and dispersion process, controlled by a baghouse, identified as DC17.

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) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, including the following:
 - (1) Cold Cleaning Operations which consist of 30 portable cold cleaning units of various sizes used to clean production and laboratory related tools and small machine parts. These cold cleaning units are charged with reclaim solvent. VOC emissions from these cold cleaning units are emitted to the building. Dirty solvents are sent back to the solvent recovery unit (SRU) and reused.
- (b) Other insignificant emitting activities with potential emissions less than the emissions level specified in 326 IAC 2-7-1(21)(A) through (C):
 - (1) Tank Cleaning Operations involves rinsing and cleaning paint formulation equipment (mixing vats, dispersers, mills, etc.) either manually or by machines with reclaimed organic solvents. The dirty reclaimed solvent is sent back to the Luwa Thin Film Evaporator (Solvent Recovery Unit, SRU) for recovery of the solvents. Volatile Organic Compounds which evaporate during this process are emitted into the room air. This emission unit was existing prior to January 1, 1980.

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

This stationary source has chosen to continue operating under a Part 70 Permit, although it is not required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) for the following reasons:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

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

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

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

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

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

(a) 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 and OES, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

(b) Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.

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

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

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

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ, and OES within a reasonable time, any information that IDEM, OAQ, and OES 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, and OES of records required to be kept by this permit.

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

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

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

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

submittal requiring certification.

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

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

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

And

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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, and OES 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, and OES may require to determine the compliance status of the source.

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

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

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, 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 PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and OES 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; and
Telephone Number: 317-327-2234 (ask for Compliance Section)
Facsimile Number: 317-327-2274

- (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 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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, and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ, and OES by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
 - (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

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

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

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

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

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, and OES shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, or OES has issued the modifications. [326 IAC 2-7-12(c)(7)]

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

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

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
- (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted
- by this permit.
- (b) All previous registrations and permits are superseded by this permit.

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, or OES 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, or OES 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, or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, or OES may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, or OES 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 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

- (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, and OES on or before the date it is due.
 - (2) If IDEM, OAQ, and OES, 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, and OES, 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, and OES, 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, or OES fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

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

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable

requirements promulgated or approved by the U.S. EPA.

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

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

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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, and OES in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

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

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

- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

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

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

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

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

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

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

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

- (a) The Permittee shall pay annual fees to IDEM, OAQ, and OES within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, or OES the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

C.7 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 46204-2251

and

City of Indianapolis
Office of Environmental Services
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 the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator,

prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

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

C.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 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

Compliance Requirements [326 IAC 2-1.1-11]

C.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 by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

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

C.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 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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.

C.12 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (2%) of full scale reading.
- (b) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

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

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.14 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

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

- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ and OES of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

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

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)]
[326 IAC 2-6]

- (a) Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
 - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
 - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

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

And

Indianapolis Office of Environmental Services
2700 South Belmont Avenue

Indianapolis, Indiana 46203

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

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

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES 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.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

- (e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.19 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) Orr & Sembower boiler, identified as emission unit OSB, located in building 30, constructed in 1960, with a maximum heat input capacity of 14.5 million Btu per hour (MMBtu/hr), using natural gas as the primary fuel and distillate oil as a backup fuel, exhausting to stack OSB-S.
- (b) One (1) York Shipley natural gas fired boiler, identified as emission unit YSB, located in building 30, constructed in 1982, with a maximum heat input capacity of 29 million Btu per hour (MMBtu/hr), exhausting to stack YSB-S.

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

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

D.1.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-2]

Pursuant to 326 IAC 6-2-2(a), particulate emissions from emission units OSB and YSB shall be limited to 0.48 pounds per million Btu.

D.1.2 Sulfur Dioxide Emissions Limitations [326 IAC 7-1.1-2]

Pursuant to 326 IAC 7-1.1-2, SO₂ emissions from the dual fired boiler, identified as OSB, are limited to 0.5 pounds per million Btu when combusting distillate oil.

Compliance Determination Requirements

D.1.3 Sulfur Dioxide Emissions and Sulfur Content

Compliance with condition D.1.2 shall be determined utilizing one of the following options:

- (a) Pursuant to 326 IAC 3-3-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths percent (0.5%) by either:
 - (1) Providing vendor analysis of fuel delivered, if accompanied by a certification; or
 - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
 - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or
- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from emission unit OSB using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-2.1.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.4 Visible Emissions Notations

- (a) Visible emission notations of the OSB stack exhaust shall be performed once per shift during normal daylight operations while combusting fuel oil. 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 Response Plan - -Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

D.1.5 Record Keeping Requirements

- (a) To document compliance with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is to demonstrate compliance the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications;
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recording for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (b) To document compliance with Condition D.1.4, the Permittee shall maintain records of visible emission notations of the boiler exhaust while combusting fuel oil.
- (c) All records shall be maintained in accordance with Section C – General Reporting

Requirements, of this permit.

D.1.6 Reporting Requirements

A semi-annual summary of the information to document compliance with Condition D.1.2 shall be submitted to the addresses listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the semi-annual period being reported.

SECTION D.2 FACILITY OPERATION CONDITIONS

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

- (c) One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, modified in 2001 and 2006, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, cans and pails. This line consists of the following:
- (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
 - (6) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
 - (8) One (1) dry ingredient handing process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
 - (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (11) A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.
 - (12) A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.
 - (13) One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.
- (d) One (1) Tote paint spray booth, identified as emission unit SB28, located in building 28, constructed in 1977, using air atomization as the coating application method to coat metal totes, and using a dry filter to control particulate emissions, exhausting to stack SB28-S.
- (e) One (1) Latex Paint Production Line, identified as emission unit EU-17, constructed in 2001 and modified in 2002, with a maximum production rate of 20,000 tons of paint per year, consisting of the following:
- (1) Two (2) raw material storage tanks, constructed in 1999, each with a maximum capacity of 6,000 and 8,000 gallons, respectively.
 - (2) Two (2) emulsion storage tanks, constructed in 2002, each with a maximum capacity of 7,000 gallons.

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

- (3) One (1) dispersion mixer, constructed in 2001, with a maximum capacity of 1,800 gallons.
- (4) One (1) letdown tank, constructed in 2001, with a maximum capacity of 4,500 gallons.
- (5) One (1) finished goods tank, constructed in 1999, with a maximum capacity of 6,000 gallons.
- (6) One (1) finished goods tank, constructed in 2001, with a maximum capacity of 8,000 gallons.
- (7) One (1) raw material loading and dispersion process, controlled by a baghouse, identified as DC17.

INSIGNIFICANT ACTIVITY

- (b) Other insignificant emitting activities with potential emissions less than the emissions level specified in 326 IAC 2-7-1(21)(A) through (C):

- (1) Tank Cleaning Operations involves rinsing and cleaning paint formulation equipment (mixing vats, dispersers, mills, etc.) either manually or by machines with reclaimed organic solvents. The dirty reclaimed solvent is sent back to the Luwa Thin Film Evaporator (Solvent Recovery Unit, SRU) for recovery of the solvents. Volatile Organic Compounds which evaporate during this process are emitted into the room air. This emission unit was existing prior to January 1, 1980.

(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 Emission Limitations [326 IAC 6-3-2]

- (a) Pursuant to 326 IAC 6-3-2(d), SB28 shall be controlled by a dry particulate filter. The source shall operate the filter in accordance with manufacturer's specifications.
- (b) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for CF-1 shall be limited by the following equation:

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

The process weight rate for CF-1 is 3.32 tons per hour. Therefore, the allowable rate of emissions for CF-1 is 9.16 pounds per hour, which is equivalent to 40 tons per year.

- (c) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for EU-17 shall be limited by the following equation:

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

The process weight rate for is 0.37 tons per hour. Therefore, the allowable rate of emission for EU-17 is 2.1 pounds per hour, which is equivalent to 9.2 tons per year.

D.2.2 Hazardous Air Pollutants (HAPs) [326 IAC 20][40 CFR 63]

Pursuant to Significant Permit Modification, 097-15604-00040, issued on January 29, 2003, combined with the emissions from the insignificant activities, the HAPs emissions from the entire source are limited to less than ten (10) tons per twelve (12) consecutive month period for any single HAP, and less than 25 tons per twelve (12) consecutive month period for any combination of HAPs. Therefore, the requirements of 326 IAC 20 and 40 CFR 63 (NESHAP) are not applicable. The following relevant limits apply:

- (a) The emissions of a single HAP from the coating formulation and packaging line (CF-1), and the Tote Spray Booth, SB28, shall not exceed 9.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month. The HAPs emissions shall be calculated with the following equation:

$$E = \sum[(U1 \times C_i \times EF1) + (U2 \times C_i) + (U3 \times EF2)]$$

Where E = A single HAP emissions (tons/month);
U1 = The amount of solvent delivered to CF-1 (tons/month);
U2 = The amount of paint, thinner, and cleaning solvent delivered to paint booths (tons/month);
U3 = The amount of solvents used for tank cleaning process (tons/month);
C_i = The weight percentage of a single volatile HAP in each material, i (%);
EF1 = The HAPs emission factor for each coating category (lbs/lbs);
EF2 = The HAPs emission factor for tank cleaning process (lbs/lbs).

- (b) The emissions of any combination of HAPs from the coating formulation and packaging line (CF-1) shall not exceed 24.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month. The total HAPs emissions equals the summation of all single HAPs emissions calculated by the equation in (a).

Compliance Determination Requirements

D.2.3 Particulate Matter (PM)

Pursuant to 326 IAC 6-3-2, and in order to comply with D.2.1,

- (a) the dry filters for particulate control shall be in operation in accordance with manufacturer's specifications and control emissions from Totes Spray Paint Booth (SB28) at all times when this booth is in operation. This requirement to operate the control is not federally enforceable.
- (b) the two (2) baghouses, identified as DC1 and DC2, for PM control shall be in operation and control emissions from the dry ingredient handling process, identified as DC3-DC16, of the Coating Formulation and Packaging Line, identified as CF-1, at all times that the dry ingredient handling process is in operation;
- (c) the baghouse, identified as DC17, for PM control shall be in operation and control emissions from the raw material loading and dispersion process of the Latex Paint Production Line, identified as EU-17, at all times that the raw material loading and dispersion process is in operation.

D.2.4 Hazardous Air Pollutants (HAPs)

Compliance with the HAP emissions limits in condition D.2.2 shall be determined by one of the following:

- (a) The manufacturer's certified product data sheet;

- (b) The manufacturer's material safety data sheet;
- (c) Sampling and analysis, using any of the following test methods, as applicable:
 - (1) 40 CFR 60, Method 24, Appendix A (July 1, 1998), shall be used to measure the total volatile HAP and volatile organic compound (VOC) content of resins and gel coats. Method 24 may be modified for measuring the volatile HAP content of resins or gel coats to require that the procedure be performed on uncatalyzed resin or gel coat samples;
 - (2) 40 CFR 63, Method 311, Appendix A (July 1, 1998), shall be used to measure HAP content in resins and gel coats by direct injection into a gas chromatograph;
- (d) An alternate method approved by IDEM, OAQ, and OES.

Compliance Monitoring Requirements

D.2.5 Visible Emissions Notations

- (a) Visible emission notations of the dry ingredient handling process (CF-1), identified as DC3-DC16, and the raw material loading and dispersion (EU-17) stacks exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

D.2.6 Parametric Monitoring for the Baghouses

The Permittee shall record the total static pressure drop across the baghouses used in conjunction with the Units EU-17 and CF-1, at least once per shift when the respective process is in operation and venting to the atmosphere. When for any one reading, the pressure drop across any baghouse for EU-17 or CF-1 is outside the normal range of 3 to 6 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Compliance Response Plan - Preparation, Implementation, Records, and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from 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 OES and shall be calibrated at least once every six (6) months.

D.2.7 Baghouse and Filter Inspections

An inspection shall be performed each calendar quarter of all bags and filters controlling Units CF-1, SB28, and EU-17 when venting to the atmosphere. All defective bags and filters shall be replaced. Inspections required by this condition shall not be performed in consecutive months.

D.2.8 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. 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. The eight (8) hour requirement does not apply if operations have been discontinued. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit. If operations continue after bag failure is observed and it will be 10 days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.
- (e) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then 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 Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

- (a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below:
 - (1) The monthly pounds of coatings processes per coating category.
 - (2) The HAP content of each solvent used for coating manufacturing process. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (3) The monthly weight, and HAP content of each coating material and solvent used in the Tote Spray Paint Booth (SB28).
 - (4) The monthly weight and HAP content of cleanup solvent used in the tank cleaning operation and the monthly HAP emissions from tank cleaning.
 - (5) The total HAP emissions for each month.
 - (6) The weight of VOC and HAP emissions for each compliance period.

- (b) To document compliance with Condition D.2.5, the Permittee shall maintain records of visible emission notations of the stack exhausts for Baghouse DC1, Baghouse DC2, and Baghouse DC17 once per shift.
- (c) To document compliance with Condition D.2.6, the Permittee shall maintain records once per shift of the total static pressure drop during normal operation when venting to the atmosphere.
- (d) To document compliance with Condition D.2.7, the Permittee shall maintain records of the results of the inspections required under Condition D.2.7 and the dates the vents are redirected.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.10 Record Keeping Requirements

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

SECTION D.3 FACILITY OPERATION CONDITIONS

INSIGNIFICANT ACTIVITY

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

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, including the following:
- (1) Cold Cleaning Operations which consist of 30 portable cold cleaning units of various sizes used to clean production and laboratory related tools and small machine parts. These cold cleaning units are charged with reclaim solvent. VOC emissions from these cold cleaning units are emitted to the building. Dirty solvents are sent back to the solvent recovery unit (SRU) and reused.

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

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

D.3.1 Cold Cleaner Degreaser Operations and Control [326 IAC 8-3-5]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:
- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand or foot if:
- (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
- (B) The solvent is agitated; or
- (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
- (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
- (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths

degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

- (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when the solvent which is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Part 70 Permit No.: 097-18308-00040

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**COMPLIANCE BRANCH
100 North Senate Avenue
Indianapolis, Indiana 46204-2251**

Phone: 317-233-5674

Fax: 317-233-5967

and

INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES

2700 S. Belmont Ave.

Indianapolis, Indiana 46221

Phone: 317-327-2363

Fax: 317-327-2274

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Part 70 Permit No.: 097-18308-00040

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- C The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 - C The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

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

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

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

Page 2 of 2

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

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

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

Part 70 Semi-Annual Report

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 W. Abbott Street, Indianapolis Indiana 46225
Part 70 Permit No.: T097-18308-00040
Emission units: Orr & Stembower Boiler (OSB)
Parameter: % Sulfur in Distillate Oil
Limit: 0.5% Sulfur

Months: _____ to _____ Year: _____

Dates fuel oil combusted	Sulfur content of fuel oil combusted as determined by supplier certification or sampling and analysis	Percent sulfur by weight of fuel oil combusted

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

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

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

**PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Part 70 Permit No.: 097-18308-00040

<input type="checkbox"/> Natural Gas Only <input type="checkbox"/> Alternate Fuel burned From: _____ To: _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature: _____
Printed Name: _____
Title/Position: _____
Phone: _____
Date: _____

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
AND
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
Part 70 Permit No.: 097-18308-00040

Months: _____ to _____ Year: _____

<p>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
 COMPLIANCE DATA SECTION
 and
 INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

Part 70 Quarterly Report

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
 Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
 Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
 Part 70 Permit No.: T097-08308-00040
 Facility: CF-1, SB28, and tank cleaning process
 Parameter: A single HAP emission
 Limit: Less than 9.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month using the following equation:

$$E = \sum[(U1 \times C_i \times EF1) + (U2 \times C_i) + (U3 \times EF2)]$$

- Where
- E = A single HAP emissions (tons/month);
 - U1 = The amount of solvent delivered to CF-1 (tons/month);
 - U2 = The amount of paint, thinner, and cleaning solvent delivered to paint booths (tons/month);
 - U3 = The amount of solvents used for tank cleaning process (tons/month);
 - C_i = The weight percentage of a single volatile HAP in each material, i (%);
 - EF1 = The HAPs emission factor for each coating category (lbs/lbs);
 - EF2 = The HAPs emission factor for tank cleaning process (lbs/lbs).

QUARTER: _____ : _____ YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month single HAP emission	Previous 11 Months single HAP emission	12 Month Total single HAP emission
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
 and
 INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

Part 70 Quarterly Report

Source Name: Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
 Source Address: 546 West Abbott Street, Indianapolis, Indiana 46225
 Mailing Address: 546 West Abbott Street, Indianapolis, Indiana 46225
 Part 70 Permit No.: T097-08308-00040
 Facility: CF-1, SB28, and tank cleaning process
 Parameter: Total HAP Emissions
 Limit: Less than 24.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month using the following equation:

Total HAP Emission = \sum (A single HAP emission)

QUARTER: _____ YEAR _____ :

Month	Column 1	Column 2	Column 1 + Column 2
	This Month Total HAP emission	Previous 11 Months Total HAP emission	12 Month Total Total HAP emission
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
and
Indianapolis Office of Environmental Services**

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

Source Name:	Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings
Source Location:	546 West Abbott Street, Indianapolis, Indiana 46225
County:	Marion
SIC Code:	2851
Operating Permit Renewal No.:	097-18308-00040
Operating Permit Issuance Date:	May 12, 2004
Minor Source Modification No.:	097-22435-00040
Minor Permit Modification No.:	097-22631-00040
Permit Reviewer:	M. Caraher

The Indianapolis Office of Environmental Services (OES) and Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) have reviewed a minor permit modification application from Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings relating to the operation of a coatings manufacturing operation.

Existing Approvals

The source is operating under the following approvals:

- (a) Part 70 Operating Permit Renewal, 097-18308-0040, issued by IDEM, OAQ and the City of Indianapolis OES on May 13, 2004; and
- (b) Interim Minor Source Modification Approval, 097-22435I-00040, issued by the City of Indianapolis OES on January 27, 2006.

Explanation of Modification

IDEM, OAQ and OES have reviewed a Minor Permit Modification application, submitted by Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings on December 22, 2005, relating to the installation of three new coating filling lines to package coatings manufactured in the existing coating manufacturing line identified as emission unit CF-1. The new filling lines will enable Valspar to package and supply coatings in smaller containers. Valspar is not proposing to change any existing Part 70 Operating Permit emission limitation for emission unit CF-1 or for the source. However, this modification must be enforceably restricted, pursuant to the procedures stated in 326 IAC 2-7-10.5 and 326 IAC 2-7-12(b), such that source wide potential to emit hazardous air pollutants remains limited to less than ten (10) tons per year of any single hazardous air pollutant and twenty five (25) tons per year of any combination of hazardous air pollutants. This source is not an existing major source pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) or 326 IAC 2-3 (Emission Offset). The following is the modified emission unit CF-1 and pollution control device(s) (with deletions in ~~strikeout~~ and additions in **bold**):

- (c) One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, ~~and~~ modified in 2001 **and 2006**, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently

packaged in tanker trucks, totes, drums, ~~and~~ cans **and pails**. This line consists of the following:

- (1) Ninety-two (92) mix tanks.
- (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
- (3) Twenty-two (22) paint mills.
- (4) One hundred and sixty-eight (168) portable kettles/tubs.
- (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
- (6) Two (2) 3 horsepower (HP) post mixers.
- (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
- (8) One (1) dry ingredient handing process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
- (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
- (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
- (11) **A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.**
- (12) **A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.**
- (13) **One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.**

Justification for the Modification

The Part 70 Operating permit is being modified through a minor source modification and a minor permit modification to the Part 70 Operating Permit. The minor source modification is subject to 326 IAC 2-7-10.5(d)(4), where "modifications for which the potential to emit is limited to less than ten (10) tons per year of any single hazardous air pollutant as defined under Section 112(b) of the CAA, or twenty five (25) tons per year of any combination of hazardous air pollutants" shall qualify as a minor source modification and be processed pursuant to 326 IAC 2-7-10.5(e). Pursuant to 326 IAC 2-7-10.5(e)(3) for a source that has a Part 70 Operating Permit, operation of the modification may commence in accordance with 326 IAC 2-7-12. The modification will be incorporated into the Part 70 Operating Permit through the minor permit modification, 097-22631-00040, issued pursuant to 326 IAC 2-7-12(b) because the modification does not involve significant changes to existing monitoring, reporting or record keeping in the existing Part 70 Operating Permit.

Recommendation

The staff recommends to the Commissioner that the Minor Permit Modification be approved. This recommendation is based on the following facts and conditions:

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

An application for the purposes of this review was received on December 22, 2005.

Proposed Changes

The changes listed below have been made to the Part 70 Operating Permit Renewal No. 097-18308-00040. Deleted language appears as ~~strike through~~ and new language appears in **bold**:

Change 1

In the minor permit modification application, Valspar stated they have designated a different Responsible Official than who is stated in Condition A.1 (General Information) of the Part 70 Operating Permit Renewal No. 097-18308-00040. Therefore, the Responsible Official designation is revised. The designated Responsible Official for Valspar meets the requirements of 326 IAC 2-7-1(34)(A)(iv).

Marion County has been classified as nonattainment for PM2.5 (by U.S.EPA in Federal Register Notice 70 FR 943, effective April 5, 2005). Condition A.1 (General Information) has been updated to reflect that Marion County is nonattainment for PM2.5.

On April 15, 2004, USEPA designated Marion County nonattainment for the 8-hour ozone standard. Condition A.1 (General Information) has been updated to reflect that Marion County is nonattainment for the 8-hour ozone standard.

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 coating manufacturing plant.

Responsible Official:	Divisional Vice President – Liquids & Electrocoat Thomas White
Source Address:	546 West Abbott Street, Indianapolis, Indiana 46225
Mailing Address:	546 West Abbott Street, Indianapolis, Indiana 46225
General Source Phone Number:	(317) 634-8512
SIC Code:	2851
County Location:	Marion
Source Location Status:	Nonattainment for ozone under the 8-hour ozone standard; Nonattainment for PM2.5
Source Status:	Attainment for all other criteria pollutants Part 70 Permit Program Minor Source, under PSD and Emission Offset Rules; Minor Major Source, Section 112 of the Clean Air Act

Change 2

The installation of three new coating filling lines to package coatings manufactured in the existing coating manufacturing line identified as CF-1 is incorporated into the Part 70 Operating Permit Condition A.2 (Emission Units and Pollution Control Equipment Summary) and into the description box in Section D.2. These changes, along with the correction of the typographical errors in the description box in Section D.3, are as follows:

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) Orr & Sembower boiler, identified as emission unit OSB, located in building 30, constructed in 1960, with a maximum heat input capacity of 14.5 million Btu per hour (MMBtu/hr), using natural gas as the primary fuel and distillate oil as a backup fuel, exhausting to stack OSB-S.
- (b) One (1) York Shipley natural gas fired boiler, identified as emission unit YSB, located in building 30, constructed in 1982, with a maximum heat input capacity of 29 million Btu per hour (MMBtu/hr), exhausting to stack YSB-S.
- (c) One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, ~~and~~ modified in 2001 **and 2006**, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, ~~and~~ cans **and pails**. This line consists of the following:
 - (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
 - (7) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
 - (8) One (1) dry ingredient handling process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
 - (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (11) **A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.**
 - (12) **A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.**
 - (13) **One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.**

SECTION D.2 FACILITY OPERATION CONDITIONS

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

- (c) ~~(a)~~ One (1) Coating Formulation and Packaging Line, identified as CF-1, constructed before 1980, ~~and~~ modified in 2001 **and 2006**, with a maximum production rate of 3.0 tons of paint per hour, where paints, lacquer and enamel are formulated and subsequently packaged in tanker trucks, totes, drums, ~~and~~ cans **and pails**. This line consists of the following:
- (1) Ninety-two (92) mix tanks.
 - (2) Forty-one (41) variable speed air/hydraulic lift dispensers.
 - (3) Twenty-two (22) paint mills.
 - (4) One hundred and sixty-eight (168) portable kettles/tubs.
 - (5) Two (2) single speed air/hydraulic lift dispensers (UFD).
 - (6) Two (2) 3 horsepower (HP) post mixers.
 - (7) One (1) letdown tank, with a maximum capacity of 5,000 gallons.
 - (8) One (1) dry ingredient handing process, controlled by fourteen (14) portable baghouses (identified as DC3 through DC16) and two (2) stationary baghouses (identified as DC1 and DC2), exhausting to stacks DC1 through DC16, respectively.
 - (9) Five (5) stationary filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (10) Ten (10) portable filling stations, each with a maximum loading rate of 12 gallons per minute.
 - (11) **A two head filling line for five (5) gallon pails designed to allow the filling of a maximum of six hundred (600) five (5) gallon pails per hour.**
 - (12) **A single head filling line for five (5) gallon pails designed to allow the filling of a maximum of one hundred (100) five (5) gallon pails per hour.**
 - (13) **One (1) small can filling line for one (1) gallon and smaller containers designed to have a maximum filling rate of five hundred (500) gallons per hour.**
- (d) ~~(b)~~ One (1) Tote paint spray booth, identified as emission unit SB28, located in building 28, constructed in 1977, using air atomization as the coating application method to coat metal totes, and using a dry filter to control particulate emissions, exhausting to stack SB28-S.
- (e) ~~(c)~~ One (1) Latex Paint Production Line, identified as emission unit EU-17, constructed in 2001 and modified in 2002, with a maximum production rate of 20,000 tons of paint per year, consisting of the following:
- (1) Two (2) raw material storage tanks, constructed in 1999, each with a maximum capacity of 6,000 and 8,000 gallons, respectively.
 - (2) Two (2) emulsion storage tanks, constructed in 2002, each with a maximum capacity of 7,000 gallons.

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

- (3) One (1) dispersion mixer, constructed in 2001, with a maximum capacity of 1,800 gallons.
- (4) One (1) letdown tank, constructed in 2001, with a maximum capacity of 4,500 gallons.
- (5) One (1) finished goods tank, constructed in 1999, with a maximum capacity of 6,000 gallons.
- (6) One (1) finished goods tank, constructed in 2001, with a maximum capacity of 8,000 gallons.
- (7) One (1) raw material loading and dispersion process, controlled by a baghouse, identified as DC17.

INSIGNIFICANT ACTIVITY

(b) ~~(d)~~ Other insignificant emitting activities with potential emissions less than the emissions level specified in 326 IAC 2-7-1(21)(A) through (C):

- (1) Tank Cleaning Operations involves rinsing and cleaning paint formulation equipment (mixing vats, dispersers, mills, etc.) either manually or by machines with reclaimed organic solvents. The dirty reclaimed solvent is sent back to the Luwa Thin Film Evaporator (Solvent Recovery Unit, SRU) for recovery of the solvents. Volatile Organic Compounds which evaporate during this process are emitted into the room air. This emission unit was existing prior to January 1, 1980.

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

SECTION D.3

FACILITY OPERATION CONDITIONS

INSIGNIFICANT ACTIVITY

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

- (a) **Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, including the following:**
 - (1) Cold Cleaning Operations which consist of 30 portable cold cleaning units of various sizes used to clean production and laboratory related tools and small machine parts. These cold cleaning units are charged with reclaim solvent. VOC emissions from these cold cleaning units are emitted to the building. Dirty solvents are sent back to the solvent recovery unit (SRU) and reused.

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

Change 3

Upon further review, IDEM and OES have decided to remove (d) concerning nonroad engines from Condition B.17 (Permit Amendment or Modification). 40 CFR 89, Appendix A specifically indicates that states are not precluded from regulating the use and operation of nonroad

engines, such as regulations on hours of usage, daily mass emission limits, or sulfur limits on fuel; nor are permits regulating such operations precluded, once the engine is no longer new.

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

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- and
- City of Indianapolis
Office of Environmental Services
2700 South Belmont Avenue
Indianapolis, Indiana 46221
- Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]
- ~~(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.~~

Change 4

The 326 IAC 6-3 revisions that became effective on June 12, 2002 were approved into the State Implementation Plan on September 23, 2005. These rules replace the previous version of 326 IAC 6-3 (Process Operations) that had been part of the SIP; therefore, the requirements of the previous version of 326 IAC 6-3-2 are no longer applicable to this source. Condition C.1 has been revised to remove (a) which contained these requirements. Since the requirements of 326 IAC 6-3-2(d) that were effective June 12, 2002 are now federally enforceable, the last statement in Condition C.1 and Condition D.2.1(a) has been removed.

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

- ~~(a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.~~
- ~~(b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.~~

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

- (a) Pursuant to 326 IAC 6-3-2(d), SB28 shall be controlled by a dry particulate filter. The source shall operate the filter in accordance with manufacturer's specifications. ~~This requirement to operate the control is not federally enforceable.~~
- (b) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for CF-1 shall be limited by the following equation:

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

The process weight rate for CF-1 is 3.32 tons per hour. Therefore, the allowable rate of emissions for CF-1 is 9.16 pounds per hour, which is equivalent to 40 tons per year.

- (c) Pursuant to 326 IAC 6-3-2(e), the particulate emissions for EU-17 shall be limited by the following equation:

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

The process weight rate for is 0.37 tons per hour. Therefore, the allowable rate of emission for EU-17 is 2.1 pounds per hour, which is equivalent to 9.2 tons per year.

Change 5

The typographical error of 'the semi-annual period being reported' for previously existing quarterly reporting requirements in Condition D.2.10 (Record Keeping Requirements) is corrected as follows:

D.2.10 Record Keeping Requirements

A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the addresses listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the ~~quarter semi-annual period~~ 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).

Change 6

The IDEM, OAQ mail address has been updated and is revised throughout the Part 70 Operating Permit as follows:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, ~~P. O. Box 6045~~
Indianapolis, Indiana ~~46204-2251~~ 46206-6045

Conclusion

This minor permit modification shall be incorporated into the conditions of the Part 70 Operating Permit as **097-22631-00040**.