



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: March 30, 2007
RE: Creative Powder Coatings, LLC / 003-24389-00297
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

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

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

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
FNPER-AM.dot 03/23/06



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March 30, 2007

Mr. Richard Lain
Creative Powder Coatings, LLC.
7505 Freedom Way
Fort Wayne, Indiana 46818

Re: 003-24389-00297
First Notice-Only Change to
Minor Source Operating Permit No: 003-18990-00019

Dear Mr. Lain:

Creative Coatings, Inc. was issued a Minor Source Operating Permit (MSOP) Renewal on March 11, 2005 for a plastic and metal parts coating plant. A letter notifying IDEM, OAQ of the addition of one (1) Cathodic Epoxy Electrocoat surface coating line (identified as E-Coat Line) and the associated natural gas-fired emission units including one (1) cure oven, one (1) hot water heater, and five (5) supplemental stage water heaters was received on March 1, 2007. The Permittee also requests to change the name from Creative Coatings, Inc. to Creative Powder Coatings, LLC. Pursuant to the provisions of 326 IAC 2-6.1-6(d), the MSOP is hereby revised as follows:

- 1. The Permittee plans to add one (1) Cathodic Epoxy Electrocoat surface coating line (identified as E-Coat Line) and the associated natural gas-fired emission units including one (1) cure oven (identified as BO1), one (1) hot water heater (identified as WH1), and five (5) supplemental stage water heaters. The potential to emit of each criteria pollutant will remain less than 100 tons per year and HAPs will remain less than 10 and 25 tons per year for any single HAP and combination of HAPs, respectively. The MSOP is being modified pursuant to the provisions of 326 IAC 2-6.1-6(d) as emissions are below the threshold requiring a minor permit revision pursuant to 326 IAC 2-6.1-6(g).

	Potential to Emit (tons/year)						
	PM	PM10	SO ₂	NO _x	VOC	CO	Total HAPS
Existing Units	20.0	20.0	0.15	2.76	26.8	2.32	22.5
New Units	0.06	0.24	0.02	3.16	3.71	2.65	0.06
Total	20.1	20.2	0.17	5.92	30.5	4.97	22.6

The new electrocoat surface coating line (identified as E-Coat Line) is not subject to the requirements of 326 IAC 8-1-6 because the potential to emit VOC from E-Coat Line is less than twenty-five (25) tons per year. The E-Coat Line is not subject to 326 IAC 8-2 because it was constructed in Allen County after 1990 but does not have potential VOC emissions greater than twenty-five (25) tons per year or actual VOC emissions greater than fifteen (15) pounds per day (see detailed emission calculations in Appendix A).

The cure oven (identified as BO1), the water heater (identified as WH1), and the five (5) supplemental stage water heaters are not sources of indirect heating. Therefore, they are not subject to the requirements of 326 IAC 6-2. Pursuant to 326 IAC 6-3-1(b)(14), the cure oven (identified as BO1), the water heater (identified as WH1), and the five (5) supplemental stage water heaters are not subject to the requirements of 326 IAC 6-3 because they have potential particulate emissions less than five hundred fifty-one thousandths (0.551) pound per hour.

2. The emission unit description was included in Section A.2 and Section D.4 as shown below. The Table of Contents has been updated to reflect these changes.

A.2 Emissions Units and Pollution Control Equipment Summary

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

. . .

- (d) One (1) Cathodic Epoxy Electrocoat surface coating line, approved for construction in 2007, and consisting of:**
 - (1) One (1) electrocoat surface coating line (identified as E-Coat Line) used for coating plastic and metal parts, with a maximum material usage of 4.7 gallons of coating per hour;**
 - (2) One (1) natural gas-fired cure oven (identified as BO1), with a maximum heat input capacity of 3.0 MMBtu per hour, exhausting to stack BO1;**
 - (3) One (1) natural gas-fired water heater (identified as WH1), with a maximum heat input capacity of 1.95 MMBtu per hour, exhausting to stack WH1; and**
 - (4) Five (5) natural gas-fired supplemental stage water heaters, with a total maximum heat input capacity of 2.41 MMBtu per hour.**
- (e) Natural gas-fired combustion units consisting of:**
 - (1) Three (3) 0.12 MMBtu per hour natural gas fired space heaters;**
 - (2) One (1) 0.1 MMBtu per hour natural gas-fired space heater;**
 - (3) One (1) 3.33 MMBtu per hour natural gas-fired air makeup unit (identified as EU09); and**
 - (4) One (1) 0.003 MMBtu per hour natural gas-fired pretreatment power-washer (identified as EU01) using an inorganic solvent, and exhausting at stacks 1, 2, and 3.**

SECTION D.4

EMISSIONS UNITS OPERATION CONDITIONS

<p>Facility Description:</p> <ul style="list-style-type: none">(d) One (1) Cathodic Epoxy Electrocoat surface coating line, approved for construction in 2007, and consisting of:<ul style="list-style-type: none">(1) One (1) electrocoat surface coating line (identified as E-Coat Line) used for coating plastic and metal parts, with a maximum material usage of 4.7 gallons of coating per hour;(2) One (1) natural gas-fired cure oven (identified as BO1), with a maximum heat input capacity of 3.0 MMBtu per hour, exhausting to stack BO1;(3) One (1) natural gas-fired water heater (identified as WH1), with a maximum heat input capacity of 1.95 MMBtu per hour, exhausting to stack WH1; and(4) Five (5) natural gas-fired supplemental stage water heaters, with a total maximum heat input capacity of 2.41 MMBtu per hour.(e) Natural gas-fired combustion units consisting of:
--

- (1) Three (3) 0.12 MMBtu per hour natural gas fired space heaters;
- (2) One (1) 0.1 MMBtu per hour natural gas-fired space heater;
- (3) One (1) 3.33 MMBtu per hour natural gas-fired air makeup unit (identified as EU09);
and
- (4) One (1) 0.003 MMBtu per hour natural gas-fired pretreatment power-washer (identified as EU01) using an inorganic solvent, and exhausting at stacks 1, 2, and 3.

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

3. The Permittee requests to change the name of the source from Creative Coatings, Inc. to Creative Powder Coatings, LLC. The MSOP is being modified pursuant to the provisions of 326 IAC 2-6.1-6(d)(2) as shown below.

Creative **Powder** Coatings, ~~Inc.~~ **LLC.**

4. IDEM, OAQ contact information was updated throughout the permit as shown:

FAX NUMBER - 317 233-~~5967~~ **6865**

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

5. IDEM, OAQ has decided to remove the information regarding the Authorized Individual from Section A.1 of the permit. Listing the name and/or title in the permit has resulted in unnecessary administrative amendments and notice-only changes in the past. Therefore, IDEM, OAQ does not consider it beneficial to maintain or update this information in the permits. IDEM, OAQ will continue to retain this information up-to-date in their permit tracking system.

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

The Permittee owns and operates a stationary plastic and metal parts coating plant.

~~Authorized Individual: President~~
Source Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
Mailing Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
General Source Phone: (260) 489-3580
SIC Code: 3479
County Location: Allen
Source Location Status: Nonattainment Area for Ozone under the 8-hour standard
Source Status: Minor Source Operating Permit
Minor Source, under PSD and Nonattainment New Source Review
Minor Source, Section 112 of the Clean Air Act
Not in 1 of 28 Source Categories

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

Pursuant to Contract No. A305-5-65, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Stacie Enoch, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7895 to speak directly to Ms. Enoch. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204-2251, or call (800) 451-6027 and ask for Duane Van Laningham or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Original document signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

Attachments
ERG/SE

cc: File - Allen County
U.S. EPA, Region V
Allen County Health Department
Air Compliance Section Inspector - Patrick Burton
Compliance Data Section
Administrative and Development
Technical Support and Modeling - Michele Boner
Billing, Licensing, and Training - Dan Stamatkin



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MINOR SOURCE OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

**Creative Powder Coatings, LLC.
7505 Freedom Way
Fort Wayne, Indiana 46818**

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

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

Operation Permit No.: MSOP 003-18990-00297	
Originally Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 11, 2005 Expiration Date: March 11, 2010
First Notice-Only Change No.: 003-24389-00297	Affected pages: 4, 20 and 23
Issued by: <i>Original document signed by</i> Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: March 30, 2007 Expiration Date: March 11, 2010



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SECTION A SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary plastic and metal parts coating plant.

Source Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
Mailing Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
General Source Phone: (260) 489-3580
SIC Code: 3479
County Location: Allen
Source Location Status: Nonattainment Area for Ozone under the 8-hour standard
Source Status: Minor Source Operating Permit
Minor Source, under PSD and Nonattainment New Source Review
Minor Source, Section 112 of the Clean Air Act
Not in 1 of 28 Source Categories

A.2 Emissions Units and Pollution Control Equipment Summary

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

- (a) One (1) metal parts powder coating facility, constructed in 1997 and consisting of:
 - (1) One (1) 0.95 MMBtu per hour natural gas-fired cure oven (identified as EU02) exhausting at stack 4;
 - (2) One (1) large and one (1) small closed powder coating booths (identified as EU03A and EU03B), both with a total maximum throughput rate of 208 pounds of coating material per hour and controlled by an integral cyclone/filter cartridge system, and exhausting inside the building;
 - (3) One (1) ancillary electric oven (identified as EU05) exhausting at stack 8; and
 - (4) One (1) 0.5 MMBtu per hour natural gas-fired gas oven (identified as EU06) exhausting to stack 8.
- (b) One (1) plastic parts surface coating spray booth (identified as EU07), using air assisted airless spray guns and equipped with a 0.559 MMBtu per hour natural gas-fired cure oven (identified as EU01), and exhausting at stack 5. The spray booth is controlled by dry filters and was constructed in 1998.
- (c) One (1) 0.5 MMBtu per hour natural gas-fired pyrolysis bake-off oven (identified as EU08), exhausting at stacks 6 and 7. This unit was installed in 1997.
- (d) One (1) Cathodic Epoxy Electrocoat surface coating line, approved for construction in 2007, and consisting of:
 - (1) One (1) electrocoat surface coating line (identified as E-Coat Line) used for coating plastic and metal parts, with a maximum material usage of 4.7 gallons of coating per hour;

- (2) One (1) natural gas-fired cure oven (identified as BO1), with a maximum heat input capacity of 3.0 MMBtu per hour, exhausting to stack BO1;
 - (3) One (1) natural gas-fired water heater (identified as WH1), with a maximum heat input capacity of 1.95 MMBtu per hour, exhausting to stack WH1; and
 - (4) Five (5) natural gas-fired supplemental stage water heaters, with a total maximum heat input capacity of 2.41 MMBtu per hour.
- (e) Natural gas-fired combustion units consisting of:
- (1) Three (3) 0.12 MMBtu per hour natural gas fired space heaters;
 - (2) One (1) 0.1 MMBtu per hour natural gas-fired space heater;
 - (3) One (1) 3.33 MMBtu per hour natural gas-fired air makeup unit (identified as EU09); and
 - (4) One (1) 0.003 MMBtu per hour natural gas-fired pretreatment power-washer (identified as EU01) using an inorganic solvent, and exhausting at stacks 1, 2, and 3.

SECTION B GENERAL CONDITIONS

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

B.1 Permit No Defense [IC 13]

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

B.2 Definitions

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 2-1.1-1 shall prevail.

B.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this permit becomes effective upon its issuance.

B.4 Permit Term and Renewal [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5]

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

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

B.5 Modification to Permit [326 IAC 2]

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

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

- (a) Annual notification shall be submitted to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.
- (c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

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

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

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

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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.8 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) Permit revisions are governed by the requirements of 326 IAC 2-6.1-6.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1.
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]
- (d) No permit amendment or modification is required for the addition, operation or removal of a non-road engine, as defined in 40 CFR 89.2.

B.9 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)] [IC 13-14-2-2] [IC13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a permitted 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, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;
- (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, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (d) 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, at reasonable times, 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.10 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]

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

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

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

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

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section (BLT)), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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 Permit Revocation [326 IAC 2-1.1-9]

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

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

C.3 Opacity [326 IAC 5-1]

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

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

C.4 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

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

All required notifications shall be submitted to:

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

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

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

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

- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

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

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

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

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

C.8 Monitoring Methods [326 IAC 3][40 CFR 60][40 CFR 63]

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

C.9 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11]

- (a) Whenever a condition in this permit requires the measurement of total static 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) Whenever a condition in this permit requires the measurement of a (temperature or flow rate), the instrument 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.
- (c) The Preventive Maintenance Plan for the pH meter shall include calibration using known standards. The frequency of calibration shall be adjusted such that the typical error found at calibration is less than one pH point.
- (d) 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.

C.10 Compliance Response Plan - Preparation and Implementation

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

Record Keeping and Reporting Requirements

C.11 Malfunctions Report [326 IAC 1-6-2]

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

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.12 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented when operation begins.

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The

reports do not require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

- (d) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1

EMISSIONS UNITS OPERATION CONDITIONS

Facility Description:

- (b) One (1) plastic parts surface coating spray booth (identified as EU07), using air assisted airless spray guns and equipped with a 0.559 MMBtu per hour natural gas-fired cure oven (identified as EU01), and exhausting at stack 5. The spray booth is controlled by dry filters and was constructed in 1998.

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

Emission Limitations and Standards

D.1.1 Hazardous Air Pollutants [326 IAC 2-7]

Any change or modification which would increase the potential to emit of any single HAP and combination of HAPS greater than ten (10) and twenty-five (25) tons per year, respectively, shall require prior approval from IDEM, OAQ.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

The amount of VOC in coatings, dilution solvents, and clean-up solvents used in the plastic parts surface coating spray booth (identified as EU07) shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit shall render the requirements of 326 IAC 8-1-6 not applicable.

D.1.3 Particulate [326 IAC 6-3-2(d)]

- (a) Particulate from the plastic parts surface coating spray booth (identified as EU07) shall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
- (1) Repair the control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]

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

Compliance Determination Requirements

D.1.5 Volatile Organic Compounds (VOC)

Compliance with the VOC and HAP usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.6 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAP usage limits established in Conditions D.1.1 and D.1.2. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
- (1) The amount and VOC and HAP content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (2) The cleanup solvent usage for each month;
 - (3) The total VOC and HAP usage for each month; and
 - (4) The weight of VOCs and HAPs emitted for each compliance period.
- (b) To document compliance with Condition D.1.3 the Permittee shall maintain a record of any actions taken if overspray is visibly detected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.7 Reporting Requirements

A quarterly 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 quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1.

SECTION D.2

EMISSIONS UNITS OPERATION CONDITIONS

Facility Description:

- (a) One (1) metal parts powder coating facilities, constructed in 1997 and consisting of:
- (1) One (1) 0.95 MMBtu per hour natural gas-fired cure oven (identified as EU02) exhausting at stack 4;
 - (2) One (1) large and one (1) small closed powder coating booths (identified as EU03A and EU03B), both with a total maximum throughput rate of 208 pounds per hour and controlled by an integral cyclone/filter cartridge system, and exhausting inside the building;
 - (3) One (1) ancillary electric oven (identified as EU05) exhausting at stack 8; and
 - (4) One (1) 0.5 MMBtu per hour natural gas-fired gas oven (identified as EU06) exhausting to stack 8.

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

Emission Limitations and Standards

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the metal parts powder coating facilities shall not exceed 0.90 pounds per hour when operating at a process weight rate of 208 pounds per hour.

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

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

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

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

Compliance Determination Requirements

D.2.2 Particulate Control

In order to comply with Condition D.2.1, the pneumatic cyclone/cartridge filter for particulate control shall be in operation and control emissions from the metal powder coating facilities at all times that the metal powder coating facilities are in operation.

Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.2.3 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. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation and Implementation 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.

- (b) 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.

SECTION D.3

EMISSIONS UNITS OPERATION CONDITIONS

Facility Description:

- (c) One (1) 0.5 MMBtu per hour natural gas-fired pyrolysis bake-off oven (identified as EU08), exhausting at stacks 6 and 7. This unit was installed in 1997.

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

Emission Limitations and Standards

D.3.1 Particulate [326 IAC 4-2-2]

Pursuant to 326 IAC 4-2-2(Incinerators), the pyrolysis bake-off oven shall:

- (a) Consist of primary and secondary chambers or the equivalent;
- (b) Be equipped with a primary burner unless burning wood products;
- (c) Comply with 326 IAC 5-1 and 326 IAC 2;
- (d) Be maintained, operated, and burn waste in accordance with the manufacturer's specifications or an operation and maintenance plan as specified in 326 IAC 4-2-2(c); and
- (e) Not emit particulate matter in excess of five-tenths (0.5) pound of particulate matter per one thousand (1,000) pounds of dry exhaust gas under standard conditions corrected to fifty percent (50%) excess air for incinerators.

If any of the above requirements are not met, the Permittee shall stop charging the incinerator until adjustments are made that address the underlying cause of the deviation.

SECTION D.4

EMISSIONS UNITS OPERATION CONDITIONS

Facility Description:

- (d) One (1) Cathodic Epoxy Electrocoat surface coating line, approved for construction in 2007, and consisting of:
 - (1) One (1) electrocoat surface coating line (identified as E-Coat Line) used for coating plastic and metal parts, with a maximum material usage of 4.7 gallons of coating per hour;
 - (2) One (1) natural gas-fired cure oven (identified as BO1), with a maximum heat input capacity of 3.0 MMBtu per hour, exhausting to stack BO1;
 - (3) One (1) natural gas-fired water heater (identified as WH1), with a maximum heat input capacity of 1.95 MMBtu per hour, exhausting to stack WH1; and
 - (4) Five (5) natural gas-fired supplemental stage water heaters, with a total maximum heat input capacity of 2.41 MMBtu per hour.

- (e) Natural gas-fired combustion units consisting of:
 - (1) Three (3) 0.12 MMBtu per hour natural gas fired space heaters;
 - (2) One (1) 0.1 MMBtu per hour natural gas-fired space heater;
 - (3) One (1) 3.33 MMBtu per hour natural gas-fired air makeup unit (identified as EU09); and
 - (4) One (1) 0.003 MMBtu per hour natural gas-fired pretreatment power-washer (identified as EU01) using an inorganic solvent, and exhausting at stacks 1, 2, and 3.

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

Emission Limitations and Standards

There are no specifically applicable State or Federal rules applicable to these emission units.

Indiana Department of Environmental Management Office of Air Quality Compliance Data Section

Quarterly Report

Company Name: Creative Powder Coatings, LLC.
Location: 7505 Freedom Way, Fort Wayne, Indiana 46818
Permit No.: 003-18990-00297
Source: Plastic parts surface coating spray booth
Pollutant: VOC
Limit: Less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Year: _____

Month	Usage/Emissions (tons/month)

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

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

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

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

Company Name:	Creative Powder Coatings, LLC.
Address:	7505 Freedom Way
City:	Fort Wayne, Indiana 46818
Phone #	(260) 489-3580
MSOP #:	003-18990-00297

I hereby certify that Creative Powder Coatings, LLC. is still in operation.
 no longer in operation.

I hereby certify that Creative Powder Coatings, LLC. is in compliance with the requirements of MSOP 003-18990-00297
 not in compliance with the requirements of MSOP 003-18990-00297

Authorized Individual (typed):
Title:
Signature:
Date:

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

Noncompliance:

MALFUNCTION REPORT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-6865**

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

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

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

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

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

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

DATE/TIME MALFUNCTION STARTED: ____ / ____ / 20 ____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION:

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____ / ____ / 20 ____ AM/PM

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

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

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

326 IAC 1-6-1 Applicability of rule

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

326 IAC 1-2-39 "Malfunction" definition

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

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

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

**Appendix A: Emission Calculations
VOC and Particulate Emissions from New Surface Coating Line (E-Coat Line)**

Company Name: Creative Powder Coatings, LLC
Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
MSOP NOC: 003-24389-00297
Reviewer: ERG/SE
Date: March 27, 2007

Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Maximum Usage (gal/hr)	Pounds VOC per Gallon of Coating	Unlimited PTE VOC (lbs/hr)	Unlimited PTE VOC (lbs/day)*	Unlimited PTE VOC (tons/yr)	Unlimited PTE PM/PM10 (tons/yr)	Transfer Efficiency %
Powercron 590 Black	9.05	61.5%	59.6%	1.90%	4.70	0.17	0.81	19.4	3.54	0.00	100%
Totals							0.81	19.4	3.54	0.00	

The new surface coating line uses an electrocoating application method with 100% transfer efficiency. The coating used does not contain any HAPs.

* The unlimited PTE VOC (lbs/day) shown above is based on 24 potential operating hrs/day. The actual process operation schedule is 16 hrs/day. The actual VOC emissions when operating at max capacity for 16 hrs/day are 12.9 lbs/day; therefore, 326 IAC 8-2 does not apply to this unit.

Methodology

Pounds VOC per Gallon of Coating (lbs/gal) = Density (lbs/gal) * Weight % Organics

Unlimited PTE VOC (lbs/hr) = Pounds VOC per Gallon of Coating (lbs/gal) * Maximum Usage (gal/hr)

Unlimited PTE VOC (lbs/day) = Unlimited PTE VOC (lbs/hr) * 24 hrs/day

Unlimited PTE VOC (tons/yr) = Unlimited PTE VOC (lbs/hr) * 8,760 hrs/yr * 1 ton/2,000 lbs

Unlimited PTE PM/PM10 (tons/yr) = Density (lbs/gal) * (1- Weight % Volatile) * Maximum Usage (gal/hr) * (1-Transfer Efficiency %) * 8,760 hrs/yr * 1 ton/2,000 lbs

Appendix A: Emission Calculations
Natural Gas Combustion Emissions from New Surface Coating Line (E-Coat Line)

Company Name: Creative Powder Coatings, LLC
Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
MSOP NOC: 003-24389-00297
Reviewer: ERG/SE
Date: March 27, 2007

Total Heat Input Capacity*** MMBtu/hr 7.36
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Potential Throughput MMscf/yr 63.2
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Emission Factor (lbs/MMscf)	Pollutant						
	PM*	PM10*	SO ₂	NO _x **	VOC	CO	HAPs
Potential to Emit (tons/yr)	0.06	0.24	0.02	3.16	0.17	2.65	0.06

* PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM combined.

**Emission factor for NO_x (Uncontrolled) = 100 lb/MMscf.

***The source will be adding the following natural gas-fired equipment with the addition of the electrocoating line: One (1) cure oven, one (1) hot water heater, and five (5) supplemental stage water heaters. The total heat input capacity above is the total input capacity of all of these units. Emission factors are from AP-42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, and 1.4-4, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (7/98).

All Emission factors are based on normal firing.

Methodology

Potential Throughput (MMscf/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMscf/1,020 MMBtu

PTE (tons/yr) = Potential Throughput (MMscf/yr) x Emission Factor (lbs/MMscf) x 1 ton/2,000 lbs

Appendix A: Emission Calculations
Natural Gas Combustion Emissions from New Surface Coating Line (E-Coat Line)

Appendix A: Page 3 of 3

Company Name: Creative Powder Coatings, LLC
Address: 7505 Freedom Way, Fort Wayne, Indiana 46818
MSOP NOC: 003-24389-00297
Reviewer: ERG/SE
Date: March 27, 2007

	PM	PM10	SO ₂	NOx	VOC	CO	HAPs
Surface Coating	0.00	0.00	0.00	0.00	3.54	0.00	0.00
Natural Gas Combustion	0.06	0.24	0.02	3.16	0.17	2.65	0.06
Total	0.06	0.24	0.02	3.16	3.71	2.65	0.06