



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: April 16, 2010

RE: AM General, LLC / 141-27254-00031

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

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

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

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



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Ken Zmudzinski
AM General, LLC
12900 McKinley Highway
Mishawaka, Indiana 46545

April 16, 2010

Re: 141-27254-00031
Significant Permit Modification to:
Part 70 Operating Permit Renewal No.:
T141-17644-00031

Dear Mr. Zmudzinski:

AM General, LLC was issued Part 70 Operating Permit Renewal T141-17644-00031 on November 18, 2008 for a stationary operation of a vehicle production plant used to manufacture vehicles for military and commercial use. A petition appealing portions of this permit was filed on December 5, 2008. Pursuant to the provisions of 326 IAC 2-7-12, an appeal resolution through a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The appeal resolution includes a change to a particulate matter limitation, changes to a testing requirement and the removal of a testing requirement. Some other conditions of the permit have been updated by IDEM. Please find attached the entire Part 70 Operating Permit Renewal as modified.

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 Jean Boling at OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or call (800) 451-6027, and ask for Jean Boling or extension 4-5400, or dial (317) 234-5400.

Sincerely,

Donald F. Robin, P.E., Section Chief
Permits Branch
Office of Air Quality

Attachments:
Part 70 Significant Permit Modification
Technical Support Document (TSD) for a Part 70 Significant Permit Modification

DFR/jcb

cc: File – St. Joseph County
IDEM Northern Regional Office
U.S. EPA, Region V
St. Joseph County Health Department
Compliance and Enforcement Branch



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PART 70 OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

**AM General LLC
13200 McKinley Hwy
Mishawaka, Indiana 46545**

(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.: T141-17644-00031	
Issued by: Original Signed by: Matthew Stuckey, Branch Chief Permits Branch Office of Air Quality	Issuance Date: November 18, 2008 Expiration Date: November 18, 2013

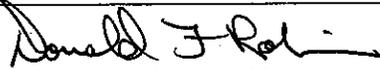
First Significant Permit Modification No.: 141-27254-00031	
Issued by:  Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: April 16, 2010 Expiration Date: November 18, 2013

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SECTION A

SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary operation of a vehicle production plant used to manufacture vehicles for military and commercial use.

Source Address:	13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address:	12900 McKinley Hwy, Mishawaka, Indiana 46545
General Source Phone Number:	(574) 237-6222
SIC Code:	3711
County Location:	St. Joseph
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source under PSD Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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) Surface coating facilities in the H1 Plant. Under 40 CFR 63, Subpart Mmmm, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm]:
- (1) One (1) spraying and dipping operation, constructed in 1983, identified as 001, for the prime coating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S1 and S2.
 - (2) One (1) spraying and dipping operation, constructed in 1983, identified as 002, for the topcoating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S3 and S4.
 - (3) One (1) spray coating operation, constructed in 1983, identified as 003, for the prime coating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S5, S6, S7 and S8.
 - (4) One (1) spray coating operation, constructed in 1983, identified as 004, for the topcoating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S9, S10, S11 and S12.
 - (5) One (1) spray coating operation, constructed in 1983, identified as 005, for the topcoating of metal vehicle chassis, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S13, and S14.

- (6) One (1) spray coating operation, constructed in 1983, identified as 006, for the camouflage painting of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S15, S16, S17 and S18.
 - (7) One (1) touch-up/repair spray coating operation, constructed in 1983, identified as 007, for the repair of metal vehicle body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of parts for distribution as service (replacement) parts to be assembled in the field, with PM overspray controlled by dry filters, and exhausting to stack S19.
 - (8) One (1) Zinc Rich Primer Dip Booth, located adjacent to Small Parts Prime Booth 001 of the main H1 plant. This booth was permitted to construct in 2003.
 - (9) One (1) surface coating spray booth, identified as Booth 001b equipped with spray cup guns with compressed air, with PM overspray controlled by dry filters. This operation is used for repair painting metal parts.
 - (10) One (1) service parts booth, permitted to construct in 2007, with a spray system and a dip tank, using dry filters to control the PM overspray emissions from the spray system.
 - (11) Metal parts blasting room, constructed in 2007, capable of blasting, using 176,250 pounds of steel and plastic abrasives per hour, with two (2) cartridge filters used to control the PM and PM10 emissions.
- (b) Surface coating facilities in the Armour Building. Under 40 CFR 63, Subpart M, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M]:
- (1) One (1) spray coating operation, constructed in 1991, identified as 008, for the prime coating and topcoating of metal vehicle bodies, with PM overspray controlled by dry filters, and exhausting to stacks S21, S22, S23, S24, S25, S26 and S27.
 - (2) One (1) spray coating operation, constructed in 1993, identified as 009, for accent and trim painting of metal vehicle bodies, with PM overspray controlled by dry filters, and exhausting to stacks S28 and S29.
- (c) Two (2) natural gas-fired boilers, identified as 010 and 011, constructed in 1983, each has a heat input capacity of 25.2 MMBtu per hour, exhausting to stacks S30 and S31, respectively, located at the H1 Plant.
- (d) H2 Plant Vehicle Production (Automobiles, Light Duty Trucks, and Heavier Vehicles):
- (1) Two (2) natural-gas-fired low NOx boilers, identified as boiler #1 and boiler #2, constructed in 2000-2001, each has a heat input capacity of 25 MMBtu/hr (Category #2). Under 40 CFR 60.40c, Subpart Dc, this is a small industrial-commercial-institutional steam generating unit [40 CFR 60, Subpart Dc].
 - (2) Miscellaneous natural gas-fired various heaters and low NOx process ovens, each constructed in 2000-2001, with a total heat input of 109 MMBtu/hr. The ovens use a Thermal Oxidizer to control VOC. The total heat input of the Thermal Oxidizer is 9.70 MMBtu/hr (Category #1).

(3) Body Shop in which metal body components of the automobiles, light duty trucks, and H2 vehicles are assembled. The assembly consists of the following process units: right-hand and left-hand side body, underbody, rear opening, main body, roof, door, hood and lift-gate. Various types of welding, resistance spot welding, and metal grinding/brazing are performed. The body shop process was constructed in 2000-2001.

(4) Painting Operations:

(A) Electrodeposition dip prime process (E-Coat/ELPO) (Category #3) – Phosphate cleaning consists of the following process units: spray cleaner, immersion cleaner, spray rinse, immersion conditioner, zinc phosphate immersion cleaner, spray rinse, immersion R.O. rinse, passivation, and R.O. spray rinse.

The electrodeposition dip prime coating system (E-Coat/ELPO), which follows the phosphate cleaning, consists of the following process units: e-coat dip, ultrafilter recirculated rinse, ultrafilter dip rinse, recirculated ultrafilter spray, R.O. recirculated spray, e-coat oven (zones 1 to 5) and e-coat cooler (oven exit).

The VOC and HAPs emissions from the Electrodeposition dip prime process (E-Coat/ELPO), and the E-Coat/ELPO drying oven are controlled by a Regenerative Thermal Oxidizer. The electrodeposition dip prime process was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

(B) Primer System (Category #4) – Consists of the following process units: e-coat scuff, interior sealing, exterior sealing, sealer inspection, tack-off booth, manual spray booth, robot spray booth, observation booth, common flash off enclosure, prime oven (zones 1 to 3) and prime cooler (oven exit). The primer system was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the Primer robot spray booth, observation booth, common flash off enclosure, prime oven and prime cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

(C) Topcoat System (Category #5) - Consists of the following process units: prime scuff and prep booth, topcoat blow off booth, basecoat manual spray booth, basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat manual spray booth, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven (zones 1 to 3) and topcoat cooler (oven exit). The topcoat system was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven

and topcoat cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (D) Vehicle Fluid Filling (Category #7) used to fill vehicles with gasoline, antifreeze, windshield washer fluid, power steering fluid, and air conditioner refrigerant. The vehicle fluid filling process was constructed in 2000-2001.
- (E) Final and Spot Repair (Category #8) including off-line spot and three (3) final repair stations, identified as No.1, No.2, and No.3. The PM overspray from this system is controlled by dry filters. The final and spot repair process was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].
- (F) Assembly Final Line (Category #9) consisting of interior and exterior trim components and glass installation, chassis, brake fluid, transmission fluid and engine oil fill, wheel/tires, powertrain, and final line assembly operations including a vehicle start-up and roll test used to verify if the powertrain is installed correctly. The assembly final line process was constructed in 2000-2001.
- (G) Miscellaneous Solvent Purge Usage and Cleanup (Category #10) - Solvents used in the body shop, paint shop, oven cleaning, general assembly areas, and routine housekeeping areas. In the paint shop the purge material is reclaimed internally or externally to the spray application equipment.
- (H) Miscellaneous Sealers and Adhesives (Category #11) - Various sealers and adhesives are used throughout the assembly process. Structural sealers and adhesives are used in the Body Shop. The majority of these sealers and adhesives are used in the paint shop. In General Assembly, a combination glass primer and sealer system is used in the vehicle glass installation. These sealers and adhesives are either air dried or oven cured.

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) Insignificant Activities in the Armour Building, consisting of one (1) bumper booth, with dry filters to control the PM overspray emissions [326 IAC 6-3-2].
- (b) Insignificant Activities in the Automobiles, light duty trucks, and H2 vehicles production plant:
 - (1) Bulk Storage Tanks (Category #12), constructed in 2000-2001, equipped with stage I vapor controls, submerged fill pipes, and conservation vents to minimize VOC and HAPs emissions [326 IAC 2-2][326 IAC 8-4-6].
 - (A) One (1) purge solvent vertical fixed roof above ground storage tank, ID 101, with a capacity of 10,000 gallons.

- (B) One (1) unleaded gasoline vertical fixed roof above ground storage tank, ID 102, with a capacity of 10,000 gallons.
 - (C) One (1) antifreeze (ethylene glycol) vertical fixed roof above ground storage tank, ID 103, with a capacity of 8,000 gallons.
 - (D) One (1) window washer vertical fixed roof above ground storage tank, ID 104, with a capacity of 3,000 gallons.
 - (E) One (1) transmission fluid vertical fixed roof above ground storage tank, ID 105, with a capacity of 3,000 gallons.
 - (F) One (1) power steering fluid vertical fixed roof above ground storage tank, ID 106, with a capacity of 3,000 gallons.
 - (G) One (1) waste solvent vertical fixed roof above ground storage tank, ID 107, with a capacity of 10,000 gallons.
- (c) Insignificant Activities in the H1 Plant [326 IAC 2-2]:
- (1) One (1) diesel horizontal underground storage tank, with a capacity of 12,000 gallons.
 - (2) One (1) automatic transmission fluid horizontal underground storage tank, with a capacity of 10,000 gallons.
 - (3) One (1) antifreeze horizontal underground storage tank, with a capacity of 10,000 gallons.
 - (4) One (1) gasoline rectangular above ground storage tank, with a capacity of 1,500 gallons.
 - (5) One (1) diesel fuel rectangular above ground storage tank, with a capacity of 1,500 gallons.
- (d) General List of Insignificant Activities
- (1) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons [326 IAC 2-2].
 - (2) A petroleum fuel, other than gasoline dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month [326 IAC 2-2].
 - (3) The following VOC and HAP storage containers [326 IAC 2-2]:
 - Storage tanks with capacity less than 1,000 gallons and annual throughput less than 12,000 gallons.
 - Vessels storing lubricating oils, hydraulic oils, machining oils and machining fluids.
 - (4) Degreasing operations that do not exceed 145 gallons per 12 months, and not subject to 326 IAC 20-6 [326 IAC 8-3-2] [326 IAC 8-3-5].

- (5) Cleaners and solvents characterized as follows [326 IAC 2-2]:
 - Having a vapor pressure equal to or less than 2 kPa; 15 mmHg, or 0.3 psi measured at 38 degrees C (100 °F) or
 - Having a vapor pressure equal to or less than 0.7 kPa; 5 mmHg; or 0.1 psi measured at 20 °C (68 °F).
 - The use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.
- (6) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (7) The following equipment related to manufacturing activities not resulting in the emissions of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment [326 IAC 6-3].
- (8) Emergency generators as follows: Gasoline generators not exceeding 110 horsepower, diesel generators not exceeding 1,600 horsepower, natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.

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

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

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

SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

- (a) This permit, T141-17644-00031, 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 of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal 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.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7]

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

B.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, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (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 the "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. One (1) certification may cover multiple forms in one (1) submittal.
- (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 no later than April 15 of each year to:

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

and

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.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) 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 PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) 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 Northern Regional Office 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: 317-233-0178 (ask for Compliance Section)

Facsimile Number: 317-233-6865

Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

- (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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in 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 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, 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, 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, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T141-17644-00031 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,

- (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

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

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

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this

permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) 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) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

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

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the limitations provided in 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(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 emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.21 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.22 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, 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.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][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. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

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

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

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 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.2 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.

C.3 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

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

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

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

C.5 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.6 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
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
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 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.7 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ 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.8 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.9 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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.10 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.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

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

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

within ninety (90) days after the date of issuance of this permit.
- (c) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

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

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 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

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 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(a)(1), the Permittee shall submit by July 1 of each year 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
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

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 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] [326 IAC 2-2] [326 IAC 2-3]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is a “project” (as defined in 326 IAC 2-2-1(qq)) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:
 - (1) Before beginning actual construction of the “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and

- (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, 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, 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.
- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C- General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing Electric Utility Steam Generating Unit, then for that project the Permittee shall:
 - (1) Submit to IDEM, OAQ a copy of the information required by (c)(1) in Section C- General Record Keeping Requirements.
 - (2) Submit a report to IDEM, OAQ within sixty (60) days after the end of each year during which records are generated in accordance with (c)(2) and (3) in Section C- General Record Keeping Requirements. The report shall contain all information and data describing the annual emissions for the emissions units during the calendar year that preceded the submission of report.

Reports required in this part shall be submitted to:

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

- (g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

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 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) Surface coating facilities in the H1 Plant. Under 40 CFR 63, Subpart M MMMM, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M MMMM]:
- (1) One (1) spraying and dipping operation, constructed in 1983, identified as 001, for the prime coating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S1 and S2.
 - (2) One (1) spraying and dipping operation, constructed in 1983, identified as 002, for the topcoating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S3 and S4.
 - (3) One (1) spray coating operation, constructed in 1983, identified as 003, for the prime coating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S5, S6, S7 and S8.
 - (4) One (1) spray coating operation, constructed in 1983, identified as 004, for the topcoating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S9, S10, S11 and S12.
 - (5) One (1) spray coating operation, constructed in 1983, identified as 005, for the topcoating of metal vehicle chassis, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S13, and S14.
 - (6) One (1) spray coating operation, constructed in 1983, identified as 006, for the camouflage painting of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S15, S16, S17 and S18.
 - (7) One (1) touch-up/repair spray coating operation, constructed in 1983, identified as 007, for the repair of metal vehicle body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of parts for distribution as service (replacement) parts to be assembled in the field, with PM overspray controlled by dry filters, and exhausting to stack S19.
 - (8) One (1) Zinc Rich Primer Dip Booth, located adjacent to Small Parts Prime Booth 001 of the main. This booth was permitted to construct in 2003.
 - (9) One (1) surface coating spray booth, identified as Booth 001b equipped with spray cup guns with compressed air, with PM overspray controlled by dry filters. This operation is used for repair painting metal parts.
 - (10) One (1) service parts booth, permitted to construct in 2007, with a spray system and a dip tank, using dry filters to control the PM overspray emissions from the spray system.
 - (11) Metal parts blasting room, constructed in 2007, capable of blasting 2.5 tons of parts per hour, using 176,250 pounds of steel and plastic abrasives per hour, with two (2) cartridge filters used to control the PM and PM10 emissions.
- (b) Surface coating facilities in the Armour Building. Under 40 CFR 63, Subpart M MMMM, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M MMMM]:

- (1) One (1) spray coating operation, constructed in 1991, identified as 008, for the prime coating and topcoating of metal vehicle bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S21, S22, S23, S24, S25, S26 and S27.
- (2) One (1) spray coating operation, constructed in 1993, identified as 009, for accent and trim painting of metal vehicle bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S28 and S29.

Insignificant Activities

- (a) Insignificant Activities in the Armour Building, consisting of one (1) bumper booth, with dry filters to control the PM overspray emissions [326 IAC 6-3-2].

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

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

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicators of the Zinc Rich Primer Dip Booth, the Service Parts Booth, Spray and Dip Coating Booths 001 and 002, Spray Coating Booths 003 through 009, and 001b shall be limited to the following:

- (a) The Permittee shall not allow the discharge into the atmosphere of VOC in excess of four and three-tenths (4.3) pounds of VOC per gallon of coating, excluding water, for clear coatings, as delivered to the applicator; for dip coating compliance with 326 IAC 8-1-2(a)(9)(A), the equivalent emission limit is ten and two-tenths (10.2) pounds of VOC per gallon of coating solids.
- (b) The Permittee shall not allow the discharge into the atmosphere of VOC in excess of three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water, for forced warm air dried coatings, as delivered to the applicator; for dip coating compliance with 326 IAC 8-1-2(a)(9)(A), the equivalent emission limit is six and seven-tenths (6.7) pounds of VOC per gallon of coating solids.
- (c) Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of the coating operations during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.1.2 Minor Source Modification Limit [326 IAC 2-7-10.5(d)(5)]

- (a) Pursuant to MSM 141-17101-00031, issued March 12, 2003, the total VOC input to Zinc Rich Primer Dip Coating Booth, and associated clean-up activities, shall be limited to less than 25 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) Pursuant to MSM 141-16912-00031, issued June 10, 2003, the total VOC input to Coating Booth 001b, and associated clean-up activities shall be limited to less than 14 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Compliance with the limits will limit the potential to emit VOC from the Zinc Rich Primer Dip Coating Booth and the Coating Booth 001b to less than 40 tons per year and renders 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable to MSM 141-17101-00031, issued March 12, 2003 and MSM 141-16912-00031, issued June 10, 2003.

- (c) Pursuant to MSM 141-17101-00031, issued March 12, 2003 the total single HAP input to Zinc Rich Primer Dip Coating Booth, and associated clean-up activities, shall be limited to less than 10 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with this limit will limit single HAP emissions to less than 10 tons per year and render 326 IAC 2-4.1 (Major Sources of HAPs) not applicable to MSM 141-17101-00031, issued March 12, 2003.

- (d) Pursuant to MSM 141-16912-00031, issued June 10, 2003 the total single HAP input to Coating Booth 001b, and associated clean-up activities, shall each be limited to less than 10 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

- (e) Pursuant to MSM 141-16912-00031, issued June 10, 2003 the total combined HAP input to Coating Booth 001b, and associated clean-up activities, shall be limited to less than 25 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the limits will limit single and combined HAP to less than 10 and 25 tons per year, respectively, and will render 326 IAC 2-4.1 (Major Sources of HAPs) not applicable to MSM 141-16912-00031, issued June 10, 2003.

D.1.3 Minor Source Modification Limit [326 IAC 2-7-10.5(d)(5)]

Pursuant to CP141-3332-00031, issued January 10, 1994, the coatings applied by booth 009 shall be limited to the following:

- (a) The total VOC input to booth 009, including clean up solvents, shall be less than 25 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The coatings applied by booth 009 shall be limited such that the total PM emissions shall be less than 25 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (c) The coatings applied by booth 009 shall be limited such that the total PM10 emissions shall be less than 15 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (d) The transfer efficiency of paint booth 009 shall not be less than 75%.
- (e) The control efficiency of the dry filter shall not be less than 80%.

Compliance with these limits limit VOC, PM, and PM10 to less than 25, 25, and 15 tons per year, respectively, and renders 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable to Registration CP141-3332-00031, issued January 10, 1994.

D.1.4 Minor Source Modification Limit [326 IAC 2-7-10.5(d)(5)]

Pursuant to CP141-5270-00031, issued May 1, 1996 and T141-6023-00031, issued on February 25, 1999 the coatings applied by booth 008 shall be limited to the following:

- (a) The total VOC input to booth 008, including clean up solvents, shall be less than 40 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The coatings applied by booth 008 shall be limited such that the total PM emissions shall be less than 25 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

- (c) The coatings applied by booth 008 shall be limited such that the total PM10 emissions shall be less than 15 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (d) The transfer efficiency of paint booth 008 shall not be less than 75%.
- (e) The control efficiency of the dry filter shall not be less than 80%.

Compliance with these limits limit VOC, PM, and PM10 to less than 40, 25, and 15 tons per year, respectively, and renders 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable to CP141-5270-00031, issued May 1, 1996 and T141-6023-00031, issued on February 25, 1999.

D.1.5 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-2]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), the total VOC emissions from coating booths 001 through 007, and insignificant degreasers and their associated clean-up activities shall be limited such that the potential to emit does not exceed 375.8 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

D.1.6 Particulate [326 IAC 6-3-2(d)]

- (a) Pursuant to 326 IAC 6-3-2(d), particulate from Surface Coating Operations 007, 008, 009, 001b, the service parts booth, and the bumper booth shall be controlled by a dry particulate filter and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) Pursuant to 326 IAC 6-3-2(d), particulate from Surface Coating Operations 001, 002, 003, 004, 005, 006 shall be controlled by a water wash and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.7 Particulate Emission Limitations [326 IAC 2-2]

- (a) The PM emissions from the Metal Parts Blasting Room and the service parts booth shall not exceed 5.70 pounds per hour.
- (b) The PM10 emissions from the Metal Parts Blasting Room and the service parts booth shall not exceed 3.42 pounds per hour.

Compliance with these limits above limit PM and PM10 to less than 25 and 15 tons per year, respectively, and will render 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable to the modification completed pursuant to SSM 141-23096-00031, issued March 14, 2007.

D.1.8 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the Metal Parts Blasting Room shall not exceed 7.58 pounds per hour when operating at a process weight rate of 2.5 tons per hour.

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

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

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

D.1.9 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.1.10 Volatile Organic Compounds (VOC)

- (a) Pursuant to 326 IAC 8-1-2(a)(9), compliance with the VOC content limit in Condition D.1.1 for the Dip Coating Booths shall be determined using the following equation:

$$\text{VOC}_A = \frac{\sum_i (W_{oi} D_{ci} Q_i) + \sum_j (W_{oj} D_{dj} Q_j)}{\sum_i (V_{ni} Q_i)}$$

Where

VOC_A = The as-applied, VOC content in pound VOC per gallon (lb VOC/gal) of coating solids for a dip coating or flow coating, calculated on a thirty (30) day rolling average basis.

W_{oi} = Percent VOC by weight of each as supplied coating (i) added to the dip coating or flow coating process, expressed as a decimal fraction (that is 55% = 0.55).

D_{ci} = Density of each as supplied coating (i) added to the dip coating or flow coating process, in pounds per gallon.

Q_i = Quantity of each as supplied coating (i) added to the dip coating or flow coating process, in gallons.

V_{ni} = Percent solids by volume of each as supplied coating (i) added to the dip coating or flow coating process, expressed as a decimal fraction.

W_{oj} = Percent VOC by weight of each thinner (j) added to the dip coating or flow coating process, expressed as a decimal fraction.

D_{dj} = Density of each thinner (j) added to the dip coating or flow coating process, in pounds per gallon.

Q_j = Quantity of each thinner (j) added to the dip coating or flow coating process, in gallons.

- (b) Compliance with the VOC content and usage limitations contained in Conditions D.1.1, for the Spray Coating Booths shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of "as supplied" and "as applied" VOC data sheets. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.11 Particulate Matter (PM/PM10) Emissions Determination [326 IAC 2-7-10.5(d)(5)]

Compliance with Conditions D.1.3(b), D.1.3(c), D.1.4(b), and D.1.4(c) shall be determined by calculating the PM/PM10 emissions associated with each coating applied by paint booths 008 and 009 using the following equation:

$$\text{PM} / \text{PM10} = \text{CU} \times \text{D} \times \text{W\%S} \times \left(1 - \frac{\text{TE}}{100}\right) \times \left(1 - \frac{\text{CE}}{100}\right) \times \frac{1}{2000}$$

Where:

PM/PM10 = The total PM/PM10 emissions (ton/month) for a given coating.

CU = The total coating use (gal coating/month) of a given coating.

D = The density (lb coating/gal coating) of a given coating.

W\%S = The weight percent solids (lb solids/lb coating) of a given coating.

- TE = The transfer efficiency (%) of the spray applicators. This value shall equal 75% or a value determined from the most recent valid compliance demonstration.
- CE = The control efficiency (%) of the dry filters. This value shall equal 90% or a value determined from the most recent valid compliance demonstration.

The total PM/PM10 emissions (ton/month) from paint booths 008 and 009 is equal to the sum of the PM/PM10 emissions associated with each coating applied by those booths.

D.1.12 Particulate Matter (PM) Overspray [326 IAC 6-3-2(d)]

- (a) Pursuant to 326 IAC 6-3-2(d), the particulate overspray emissions from the six (6) paint booths (001 through 006) shall be controlled by water wash and shall operate the control devices in accordance with the manufacturer's specifications.
- (b) Pursuant to 326 IAC 6-3-2(d), the particulate overspray emissions from the six (6) paint booths (001b, 007 through 009, the service parts booth, and the bumper booth), including the new Service Parts Booth shall be controlled by dry filters and the Permittee shall operate the control devices in accordance with the manufacturer's specifications.
- (c) Pursuant to 326 IAC 6-3-2(d), the particulate emissions from the Metal Blasting Room shall be controlled by cartridge filters and the Permittee shall operate the control device in accordance with the manufacturer's specifications.

D.1.13 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC and HAP content and usage limitations contained in Conditions D.1.1, D.1.2, D.1.3(a), D.1.4(a), and D.1.5 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of "as supplied" and "as applied" VOC data sheets. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

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

D.1.14 Visible Emissions Notations

- (a) Visible emission notations of the Metal Parts Blasting Room stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.15 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the Surface Coating Operations 007, 008, 009, 001b, the service parts booth, and the bumper booth while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) Daily inspections shall be performed to verify that the water level of the water pans meet the manufacturer's recommended level. To monitor the performance of the water pans, the water level of the pans shall be maintained weekly at a level where surface agitation indicates impact of the air flow. Water shall be kept free of solids and floating material that reduces the capture efficiency of the water pan. To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. In addition, weekly observations shall be made of the overspray from the Surface Coating Operations 001, 002, 003, 004, 005, 006 while one or more of the booths are in operation. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (c) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. Section C - Response to Excursions or Exceedances for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, 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.1.16 Record Keeping Requirements

- (a) Pursuant to 326 IAC 8-1-2(a)(9)(B)(ii) and to document compliance with Condition D.1.1 for the Dip Coating Booths, the Permittee shall maintain daily records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC limit in Condition D.1.1.
 - (1) The following parameters for each coating, thinner, or other material as supplied:
 - (i) The coating, thinner, or other material identification number.
 - (ii) The volume used.
 - (iii) The mix ratio.
 - (iv) The density or specific gravity.
 - (v) The weight percent of total volatiles, water, solids, and exempt solvents.
 - (vi) The volume percent of solids.

- (2) The VOC content of each coating and thinner as supplied.
 - (3) The VOC content of each coating as applied.
- (b) To document compliance with Conditions D.1.1 for the Spray Coating Booths, the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits established in Conditions D.1.1. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
- (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
- (c) To document compliance with Conditions D.1.2(a), D.1.2(b), D.1.3(a), D.1.4(a), and D.1.5, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits established in Conditions D.1.2, D.1.3, D.1.4, and D.1.5. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
- (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The cleanup solvent usage for each month;
 - (4) The total VOC usage for each month; and
 - (5) The weight of VOCs emitted for each compliance period.
- (d) To document compliance with Conditions D.1.2(c), D.1.2(d), and D.1.2(e), the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP usage limits and established in Condition D.1.2.
- (1) The HAP content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

- (3) The cleanup solvent usage for each month;
 - (4) The total HAP usage for each month; and
 - (5) The weight of HAP emitted for each compliance period.
- (e) To document compliance with Conditions D.1.3(b), D.1.3(c), D.1.4(b), and D.1.4(c), the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to demonstrate compliance with the PM/PM10 emission limits established in Condition D.1.3 and D.1.4.
- (1) The amount of each coating material used (as applied). Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (2) The density and weight percent solids of each coating material used (as applied).
- (f) To document compliance with Condition D.1.14, the Permittee shall maintain records of daily visible emission notations of the Metal Parts Blasting Room stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).
- (g) To document compliance with Condition D.1.15, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections.
- (h) To document compliance with Condition D.1.15, the Permittee shall maintain a log of weekly overspray observations, weekly observations of the water level in the pans, daily and monthly inspections.
- (i) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.17 Reporting Requirements

A monthly summary of the information to document compliance with Conditions D.1.2, D.1.3, D.1.4, and D.1.5 shall be submitted quarterly 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.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (c) Two (2) natural gas-fired boilers, identified as 010 and 011, constructed in 1983, each has a heat input capacity of 25.2 MMBtu per hour, exhausting to stacks S30 and S31, respectively, located at the H1 Plant.
- (d) Automobiles, light duty trucks, and H2 vehicles production plant:
 - (1) Two (2) natural-gas-fired low NOx boilers, identified as boiler #1 and boiler #2, constructed in 2000-2001, each has a heat input capacity of 25 MMBtu/hr (Category #2). Under 40 CFR 60.40c, Subpart Dc, this is a small industrial-commercial-institutional steam generating unit [40 CFR 60, Subpart Dc].

(The information describing the process contained in this emissions unit 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 Emissions (PM) [326 IAC 6-2]

Pursuant to 326 IAC 6-2-4 (Particulate Emissions Limitations):

- (a) Particulate emissions from the two (2) 25.2 MMBtu per hour natural gas-fired boilers (010 and 011) shall be limited to 0.39 pounds per MMBtu heat input.
- (b) Particulate emissions from the two (2) 25.0 MMBtu per hour natural gas-fired boilers (#1 and #2) and the two (2) insignificant boilers shall be limited to 0.33 pounds per million Btu heat input.

These limits were calculated using the following equation:

$$P_t = \frac{1.09}{Q^{0.26}} \quad \text{Where: } P_t = \text{pounds of PM emitted per MMBtu heat input}$$

Q = total source heat input capacity

D.2.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for boiler #1, boiler #2, boiler 010, and boiler 011.

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

D.2.3 General Provisions Relating to NSPS Dc [326 IAC 12] [40 CFR Part 60 Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for boiler #1 and boiler #2, except as otherwise specified in 40 CFR Part 60, Subpart Dc.
- (b) Pursuant to 40 CFR 60.19, the Permittee shall submit all required notifications and reports to:

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

D.2.4 Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
NSPS [40 CFR Part 60, Subpart Dc] [326 IAC 12]

The Permittee shall comply with the following provisions of Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, which are incorporated by reference as 326 IAC 12 for the low NO_x boilers (Category #2) as specified as follows:

- (1) 40 CFR 60.40c(a) and (d);
- (2) 40 CFR 60.41c; and
- (3) 40 CFR 60.48c(a), (g), and (i).

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Insignificant Activities:

(d) General List of Insignificant Activities

(4) Degreasing operations that do not exceed 145 gallons per 12 months, and not subject to 326 IAC 20-6 [326 IAC 8-3-2] [326 IAC 8-3-5].

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

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

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.2 Volatile Organic Compounds (VOC) [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 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^oC) (one hundred degrees Fahrenheit (100^oF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^oC) (one hundred twenty degrees Fahrenheit (120^oF)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent 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.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Insignificant Activities:

(d) General List of Insignificant Activities

(7) The following equipment related to manufacturing activities not resulting in the emissions of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment [326 IAC 6-3].

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

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

D.4.1 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3-2(e)(2) (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the brazing equipment and soldering equipment shall be limited to less than 0.551 pounds per hour when operating at a maximum process weight less than 100 pounds per hour.

SECTION D.5 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(d) H2 Plant Vehicle Production (Automobiles, Light Duty Trucks, and Heavier Vehicles):

(2) Miscellaneous natural gas-fired various heaters and low NO_x process ovens, each constructed in 2000-2001, with a total heat input of 109 MMBtu/hr. The ovens use a Thermal Oxidizer to control VOC. The total heat input of the Thermal Oxidizer is 9.70 MMBtu/hr (Category #1).

(3) Body Shop in which metal body components of the automobiles, light duty trucks, and H2 vehicles are assembled. The assembly consists of the following process units: right-hand and left-hand side body, underbody, rear opening, main body, roof, door, hood and lift-gate. Various types of welding, resistance spot welding, and metal grinding/brazing are performed. The body shop process was constructed in 2000-2001.

(4) Painting Operations:

(A) Electrodeposition dip prime process (E-Coat/ELPO) (Category #3) – Phosphate cleaning consists of the following process units: spray cleaner, immersion cleaner, spray rinse, immersion conditioner, zinc phosphate immersion cleaner, spray rinse, immersion R.O. rinse, passivation, and R.O. spray rinse.

The electrodeposition dip prime coating system (E-Coat/ELPO), which follows the phosphate cleaning, consists of the following process units: e-coat dip, ultrafilter recirculated rinse, ultrafilter dip rinse, recirculated ultrafilter spray, R.O. recirculated spray, e-coat oven (zones 1 to 5) and e-coat cooler (oven exit).

The VOC and HAPs emissions from the Electrodeposition dip prime process (E-Coat/ELPO), and the E-Coat/ELPO drying oven are controlled by a Regenerative Thermal Oxidizer. The electrodeposition dip prime process was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

(B) Primer System (Category #4) – Consists of the following process units: e-coat scuff, interior sealing, exterior sealing, sealer inspection, tack-off booth, manual spray booth, robot spray booth, observation booth, common flash off enclosure, prime oven (zones 1 to 3) and prime cooler (oven exit). The primer system was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the Primer robot spray booth, observation booth, common flash off enclosure, prime oven and prime cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (C) Topcoat System (Category #5) - Consists of the following process units: prime scuff and prep booth, topcoat blow off booth, basecoat manual spray booth, basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat manual spray booth, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven (zones 1 to3) and topcoat cooler (oven exit). The topcoat system was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven and topcoat cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (D) Vehicle Fluid Filling (Category #7) used to fill vehicles with gasoline, antifreeze, windshield washer fluid, power steering fluid, and air conditioner refrigerant. The vehicle fluid filling process was constructed in 2000-2001.
- (E) Final and Spot Repair (Category #8) including off-line spot and three (3) final repair stations, identified as No.1, No.2, and No.3. The PM overspray from this system is controlled by dry filters. The final and spot repair process was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].
- (F) Assembly Final Line (Category #9) consisting of interior and exterior trim components and glass installation, chassis, brake fluid, transmission fluid and engine oil fill, wheel/tires, powertrain, and final line assembly operations including a vehicle start-up and roll test used to verify if the powertrain is installed correctly. The assembly final line process was constructed in 2000-2001.
- (G) Miscellaneous Solvent Purge Usage and Cleanup (Category #10) - Solvents used in the body shop, paint shop, oven cleaning, general assembly areas, and routine housekeeping areas. In the paint shop the purge material is reclaimed internally or externally to the spray application equipment.
- (H) Miscellaneous Sealers and Adhesives (Category #11) - Various sealers and adhesives are used throughout the assembly process. Structural sealers and adhesives are used in the Body Shop. The majority of these sealers and adhesives are used in the paint shop. In General Assembly, a combination glass primer and sealer system is used in the vehicle glass installation. These sealers and adhesives are either air dried or oven cured.

Insignificant Activities

- (b) Insignificant Activities in the Automobiles, light duty trucks, and H2vehicles production plant:
- (1) Bulk Storage Tanks (Category #12), constructed in 2000-2001, equipped with stage I vapor controls, submerged fill pipes, and conservation vents to minimize VOC and HAPs emissions [326 IAC 2-2][326 IAC 8-4-6].
- (A) One (1) purge solvent vertical fixed roof above ground storage tank, ID 101, with a capacity of 10,000 gallons.

- (B) One (1) unleaded gasoline vertical fixed roof above ground storage tank, ID 102, with a capacity of 10,000 gallons.
- (C) One (1) antifreeze (ethylene glycol) vertical fixed roof above ground storage tank, ID 103, with a capacity of 8,000 gallons.
- (D) One (1) window washer vertical fixed roof above ground storage tank, ID 104, with a capacity of 3,000 gallons.
- (E) One (1) transmission fluid vertical fixed roof above ground storage tank, ID 105, with a capacity of 3,000 gallons.
- (F) One (1) power steering fluid vertical fixed roof above ground storage tank, ID 106, with a capacity of 3,000 gallons.
- (G) One (1) waste solvent vertical fixed roof above ground storage tank, ID 107, with a capacity of 10,000 gallons.

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

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

D.5.1 PSD BACT Limit [326 IAC 2-2]

Pursuant to 326 IAC 2-2 (PSD) and the BACT determination in SSM 141-11673-00031, issued on June 28, 2000 and revised by SSM 141-22343-00031, issued on March 14, 2007, the automobiles, light duty trucks, and H2 vehicles plant shall be limited as follows:

- (a) The automobiles, light duty trucks, and H2 vehicles plant production rate shall be limited to 86,000 vehicles per twelve (12) consecutive month period with compliance determined at the end of each month. Daily maximum production shall not exceed 364 vehicles.
- (b) The volatile organic material (VOC) usages, and natural gas usages from the automobiles, light duty trucks, and H2 vehicles plant shall be limited such that the summation of the VOC emissions from all facilities at this plant shall not exceed 260 tons per 12-month period, rolled on a monthly basis.
- (c) The limitations for the following Automobiles, light duty trucks, and H2 vehicles surface coating facilities shall be as follows:

Facilities/Operations	Controlled VOC Limit (Pounds of VOC/Gallon Applied Coating Solids)
E-Coat/ELPO System	0.04
Primer /Topcoat System	4.5

The VOC limit in pounds of VOC/gallon applied coating solids shall be determined on a daily-volume-weighted average and actual transfer efficiencies.

- (d) The Regenerative Thermal Oxidizer (RTO) used to control VOC emissions from the E-Coat/ELPO and Primer/Topcoat paint systems shall achieve a minimum VOC destruction efficiency of 95%.

- (e) Good Work Practices To Reduce VOC Emissions:
- (1) Conservation vents, submerged fill pipes and Stage I Vapor Recovery System where appropriate shall be installed for the gasoline storage tanks.
 - (2) The use of robotic paint application system to minimize paint usage.
 - (3) Capturing of paint lines cleaning solvent for recycling.
 - (4) Capturing of solvent purged from paint lines for off-site recycling and/or other processing.
 - (5) The use of masking material to protect certain equipment, walls, and floors around the booths from overspray, thus reducing the cleaning solvent usage.
 - (6) The use of water-based coatings when feasible.
 - (7) Water blasting of vehicle carriers.
 - (8) The use of closed containers to store or dispose of cloth, paper, or other materials impregnated with VOC.
 - (9) The use of Stage 2 Recovery System in the fluid filling operation.
 - (10) Minimizing spills in the vehicle fluid filling operation.
 - (11) Closing the receiving vessel after it has been filled with the fluid.
 - (12) All paint mixing containers, other than day tanks equipped with continuous agitation systems, which contain organic VOC containing coatings and other materials shall have a cover with no visible gaps in place at all times except when material is being added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.
 - (13) Minimization of major paint repair.

Compliance with sections (a) through (e) of this Prevention of Significant Deterioration BACT condition and Condition D.6.2 of this permit shall satisfy 326 IAC 2-2 (PSD), 326 IAC 2-4.1-1 (New Source Toxic Control) and 326 IAC 8-1-6 (General VOC Reduction Requirements).

D.5.2 Volatile Organic Compound (VOC) [326 IAC 8-2-9] [326 IAC 8-2-2]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volume weighted average volatile organic compound (VOC) content of coating applied to the metal parts of the H2 shall be limited as follows:

Type of Coating	VOC Emissions Limit (pounds per gallon of coatings less water)
Clear Coatings	4.3
Forced Warm Air Dried Coatings	3.5
Air Dried Coatings	3.5
Extreme Performance Coatings	3.5
All Other Coating	3.0

- (b) Pursuant to 326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations), the volume weighted average volatile organic compound (VOC) content of coating applied only to automobiles and light duty trucks (vehicles weighing 8,500 pounds or less) shall be limited as follows:

Type of Coating	VOC Emissions Limit (pounds per gallon of coatings less water)
Prime application, flash off area and oven operations	1.9
Topcoat application, flash off area and oven operations	2.8
Final repair application, flash off area and oven operations	4.8

- (c) The VOC input usage from the off-line Spot and three (3) Final Repair Stations, identified as No. 1, No. 2, and No. 3 (Category #8) shall be limited to a total of less than 15 pounds per day (lbs/day). Compliance with this limit shall make 326 IAC 8-2-9 (Miscellaneous Metal Coating) and 326 IAC 8-2-2 (Automobile and light duty truck coating operations) not applicable. This limit shall also satisfy the PSD BACT limit.
- (d) When using coatings not compliant with 326 IAC 8-2-2 and 326 IAC 8-2-9, the Permittee shall comply with the following:
- (1) Pursuant to 326 IAC 8-1-2(b), the Primer/Topcoat System VOC emissions shall be limited to no greater than the equivalent emissions, expressed as pounds of VOC per gallon of coating solids, allowed in Conditions D.5.1(c), D.5.2(a), and D.5.2(b).

This equivalency was determined by the following equation:

$$E = L / (1 - (L/D))$$

Where:

L= Applicable emission limit from 326 IAC 8 in pounds of VOC per gallon of coating;

D= Density of VOC in coating in pounds per gallon of VOC;

E= Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

A solvent density of 7.36 pounds of VOC per gallon of coating shall be used to determine equivalent pounds of VOC per gallon of solids for the applicable emission limit contained in this article.

Actual solvent density shall be used to determine compliance of the surface coating operation using the compliance methods in 326 IAC 8-1-2 (a).

- (2) The pounds of VOC per gallon of coating solids shall be limited to less than E determined in D.5.2(d)(1) above.
- (3) Pursuant to 326 IAC 8-1-2(c), the overall efficiency of the thermal oxidizer shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = \frac{V - E}{V} \times 100$$

Where:

V = The actual VOC content of the non-compliant coating or, if multiple non-compliant coatings are used, the daily weighted average VOC content of all non-compliant coatings, as applied to the subject coating line as determined by the applicable test methods and procedures specified in 326 IAC 8-1-4 in units of pounds of VOC per gallon of coating solids as applied.

E = Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

O = Equivalent overall efficiency of the capture system and control device as a percentage.

The overall efficiency of the thermal oxidizer shall be equal to or greater than 95%.

D.5.3 Volatile Organic Compounds [326 IAC 8-1-2(a)] [326 IAC 8-2-2]

Pursuant to 326 IAC 8-1-2(a), the Primer/Topcoat System combined VOC emission limitations specified under 326 IAC 8-2-9 in Condition D.5.2 shall be achieved through one (1) or any combination of the following:

- (a) Thermal or catalytic incineration;
- (b) Water borne coatings;
- (c) Higher solids (low solvent) coatings, including powder, ultraviolet, and electron beam coatings; or

- (d) Equivalent emissions limitations based on actual transfer efficiency higher than specified baseline transfer efficiency as follows:

Miscellaneous Metal Coating	Equivalent Emission Limit	
	kg/liter Solids Deposited	Lbs/gal Solids Deposited
Clear Coatings	2.08	17.3
Air Dried up to 90°C	1.34	11.2
Extreme Performance Coatings	1.34	11.2
All Other Coatings and Coating Systems	1.01	8.4

Compliance with the equivalent emissions limits in this condition shall be determined according to the following equation:

$$E = \frac{L}{\left[\left(1 - \left(L/D \right) \right) \times \left(T \right) \right]}$$

Where:

E = Actual emissions in pounds of VOC per gallon of coating solids deposited.

L = Actual VOC content in pounds of VOC per gallon of coating, as applied, excluding water and non-photochemically reactive hydrocarbons.

D = Actual density of the VOC in the coating in pounds per gallon of VOC.

T = Actual measured transfer efficiency.

D.5.4 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of the coating operations during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.5.5 Particulate Emission Limitation, Work Practices and Control Technologies [326 IAC 6-3-2(d)]

- (a) Pursuant to 326 IAC 6-3-2(d), particulate from the Final and Spot Repair System shall be controlled by a dry particulate filter and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) Pursuant to 326 IAC 6-3-2(d), particulate from the Primer/Topcoat System shall be controlled by a water wash and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.5.6 Gasoline Dispensing Facilities [326 IAC 8-4-6]

- (a) Pursuant to 326 IAC 8-4-6(b) - No owner or operator shall allow the transfer of gasoline between any transport and any storage tank unless such tank is equipped with the following:
- (1) A submerge fill pipe.
 - (2) Either a pressure relief valve set to release at no less than seven-tenths (0.7) pounds per square inch or an orifice of five-tenths (0.5) inch in diameter.
 - (3) A vapor balance system connected between the tank and the transport, operating according to manufacturer's specifications.

- (b) It shall be the responsibility of the owner or operator of the transport to make certain that the vapor balance system is connected between the transport and the storage tank and is operating according to the manufacturer's specifications.
- (c) The Permittee shall install submerged fill pipes and pressure relief valves on the gasoline storage tank and shall employ a vapor balancing system for gasoline tank truck unloading activities.

D.5.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.5.8 Volatile Organic Compounds (VOC)[326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC content contained in Conditions D.5.1(c), D.5.2, and D.5.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.5.9 Testing Requirements [326 IAC 2-7-6(1), (6)][326 IAC 2-1.1-11] [326 IAC 2-2]

- (a) Compliance stack tests shall be performed on the Regenerative Thermal Oxidizer (RTO) to determine the operating temperature that will achieve the following destruction efficiency and to determine the capture system efficiency for the coating systems to verify compliance with the VOC limits in Conditions D.5.1 and D.5.2:

Facility	Destruction Efficiency
E-Coat/ELPO	95%
Primer/Topcoat System	95%

- (b) The Compliance stack tests for the Primer/Topcoat System in (a) of this condition shall be made utilizing Method 25 for destruction efficiency, and or other methods as approved by the Commissioner for capture efficiency. The test for destruction efficiency shall be repeated at least once every two and a half (2.5) years from the date of the most recent valid compliance demonstration. The test for capture efficiency shall be repeated at least every five (5) years from the date of the most recent valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

D.5.10 Volatile Organic Compounds (VOC)

- (a) Compliance with the VOC content and usage limitations contained in Conditions D.5.1, D.5.2, and D.5.3 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. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.
- (b) Compliance with the PSD BACT limit in D.5.1(c) shall be determined using daily volume weighted average of the total mass of VOC emitted per volume of coating solids applied daily and shall be determined using the following equation:

$$G = \frac{\sum_{i=1}^{i=n} (L_{ci} \times D_{ci} \times W_{ci} \times (1 - CE))}{\sum_{i=1}^{i=n} (L_{ci} \times V_{si} \times T_{ci})}$$

where:

- G = volume weighted average mass of VOC per volume of applied solids (pounds per gallon),
- L_{ci} = volume of each applied coating (i) consumed, as received (gallons),
- D_{ci} = density of each applied coating (i) as received
- W_{oi} = proportion of each applied VOC by weight in each coating (i), as received (pounds VOC / pounds coating),
- CE = overall control efficiency
- V_{si} = proportion of each applied solids by volume in each coating (i) as received (gallons solids / gallon coating),
- T_{ci} = transfer efficiency for each applied coating (i),

- (c) Pursuant to 326 IAC 8-1-2(7), compliance with the VOC content limit in Condition D.5.2 for coatings applied through spray application system shall be determined using a daily volume weighted average of the coatings applied.
- (d) Pursuant to 326 IAC 8-1-2(9), compliance with the VOC content limit in Condition D.5.2 for coatings applied through dip coating or electrodeposition may be determined using a monthly volume weighted average of the coatings applied.

This volume weighted average in (c) and (d) of this condition shall be determined using the following equation:

$$VOC_A = \frac{\sum_i (W_{oi} D_{ci} Q_i) + \sum_j (W_{oj} D_{dj} Q_j)}{\sum_i (V_{ni} Q_i)}$$

Where

- VOC_A = The as-applied, VOC content in pound VOC per gallon (lb VOC/gal) of coating solids for a dip coating or flow coating, calculated on a thirty (30) day rolling average basis.
- W_{oi} = Percent VOC by weight of each as supplied coating (i) added to the dip coating or flow coating process, expressed as a decimal fraction (that is 55% = 0.55).
- D_{ci} = Density of each as supplied coating (i) added to the dip coating or flow coating process, in pounds per gallon.
- Q_i = Quantity of each as supplied coating (i) added to the dip coating or flow coating process, in gallons.
- V_{ni} = Percent solids by volume of each as supplied coating (i) added to the dip coating or flow coating process, expressed as a decimal fraction.
- W_{oj} = Percent VOC by weight of each thinner (j) added to the dip coating or flow coating process, expressed as a decimal fraction.
- D_{dj} = Density of each thinner (j) added to the dip coating or flow coating process, in pounds per gallon.
- Q_j = Quantity of each thinner (j) added to the dip coating or flow coating process, in gallons.

D.5.11 Thermal Oxidizer Temperature [326 IAC 2-2]

- (a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. For the purposes of the condition, continuous shall mean no less than once per minute. The output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall operate the thermal oxidizer at or above the three (3) hourly average temperature of 1350°F.
- (b) The Permittee shall determine the three (3) hourly average temperature from the most recent valid stack test that demonstrates compliance with limits in condition D.5.1, as approved by IDEM.
- (c) On and after the date the approved stack test results are available, the Permittee shall operate the thermal oxidizer at or above the three (3) hourly average temperature as observed during the compliant stack test.

D.5.12 Parametric Monitoring

- (a) The Permittee shall determine the appropriate duct pressure or fan amperage from the most recent valid stack test that demonstrates compliance with limits in Condition D.5.1, as approved by IDEM.
- (b) The duct pressure or fan amperage shall be observed at least once per day when the thermal oxidizer is in operation. On and after the date the approved stack test results are available, the duct pressure or fan amperage shall be maintained within the normal range as established in most recent compliant stack test.

D.5.13 Volatile Organic Compounds [326 IAC 8-1-2] [326 IAC 2-2]

Pursuant to 8-1-2(a) and to comply with Condition D.5.1, the Regenerative Thermal Oxidizer (RTO) shall be in operation at all times when the E-Coat/ELPO System and the automatic zones for the Primer/Topcoat System are in operation or a non-compliant coating is used.

Compliance Monitoring Requirements

D.5.14 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the Final and Spot Repair System while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) Daily inspections shall be performed to verify that the water level of the water pans meet the manufacturer's recommended level. To monitor the performance of the water pans, the water level of the pans shall be maintained weekly at a level where surface agitation indicates impact of the air flow. Water shall be kept free of solids and floating material that reduces the capture efficiency of the water pan. To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. In addition, weekly observations shall be made of the overspray from the Primer/Topcoat System while one or more of the booths are in operation. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

- (c) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. Section C - Response to Excursions or Exceedances for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. Section C - Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements

D.5.15 Record Keeping Requirements

- (a) To document compliance with Conditions D.5.1(c), D.5.2, and D.5.3, the Permittee shall maintain records in accordance with (1) through (7) below. Records maintained for (1) through (7) shall be sufficient to establish compliance with the VOC usage, vehicle production limits, and the VOC emission limits established in Conditions D.5.1(c), D.5.2, and D.5.3.
- (1) The amount and VOC 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. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (2) A log of the dates of use.
 - (3) The VOC usage each month from the Final and Spot Repair.
 - (4) The cleanup solvent usage for each month.
 - (5) The total VOC usage for each month.
 - (6) The weight of VOCs emitted for each compliance period.
 - (7) Vehicle production for each day and month.
- (b) To document compliance with Conditions D.5.1(c) and D.5.2(b), the Permittee shall maintain records in accordance with (1) through (11) below. Records maintained for (1) through (11) shall be sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.5.1(c) and D.5.2(b).
- (1) The amount and VOC content of each coating material and solvent used monthly for coatings sprayed and monthly for coatings applied by the dip tank, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (2) A log of the dates of use.
 - (3) The volume weighted VOC content of the coatings applied through spray application for each month.
 - (4) The volume weighted VOC content of the coatings applied from the dip tank for each month.
 - (5) The cleanup solvent/thinners usage for each month from spray application.
 - (6) The cleanup solvent/thinners usage for each month from the dip tank.

- (7) The total VOC usage for each month from spray application.
 - (8) The total VOC usage for each month from the dip tank.
 - (9) The calculated daily volume weighted average VOC content per gallon of the coatings less water as applied from spray application.
 - (10) The calculated VOC content, as applied in pounds VOC per gallon of coating solids on a 30-day rolling average from the dip tank.
 - (11) The calculated monthly volume weighted average emissions in pounds per gallon coating solids for coatings applied through spray application systems.
- (c) To document compliance with Condition D.5.13, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections.
 - (d) To document compliance with Condition D.5.13, the Permittee shall maintain a log of weekly overspray observations, weekly observations of the water level in the pans, daily and monthly inspections.
 - (e) To document compliance with Condition D.5.9, the Permittee shall maintain continuous temperature records (on a three (3) hour average basis) for the thermal oxidizer and the three (3) hour average temperature used to demonstrate compliance during the most recent compliant stack test.
 - (f) To document compliance with Condition D.5.10, the Permittee shall maintain daily records of the duct pressure or fan amperage.
 - (g) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.16 Reporting Requirements

A monthly summary of the information to document compliance with Conditions D.5.1 and D.5.2(c) shall be submitted quarterly to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.6 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Insignificant Activities

(c) Insignificant Activities in the H1 Plant [326 IAC 2-2]:

- (1) One (1) diesel horizontal underground storage tank, with a capacity of 12,000 gallons.
- (2) One (1) automatic transmission fluid horizontal underground storage tank, with a capacity of 10,000 gallons.
- (3) One (1) antifreeze horizontal underground storage tank, with a capacity of 10,000 gallons.
- (4) One (1) gasoline rectangular above ground storage tank, with a capacity of 1,500 gallons.
- (5) One (1) diesel fuel rectangular above ground storage tank, with a capacity of 1,500 gallons.

(d) General List of Insignificant Activities

- (1) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons [326 IAC 2-2].
- (2) A petroleum fuel, other than gasoline dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month [326 IAC 2-2].
- (3) The following VOC and HAP storage containers [326 IAC 2-2]:
 - Storage tanks with capacity less than 1,000 gallons and annual throughput less than 12,000 gallons.
 - Vessels storing lubricating oils, hydraulic oils, machining oils and machining fluids.
- (5) Cleaners and solvents characterized as follows [326 IAC 2-2]:
 - Having a vapor pressure equal to or less than 2 kPa; 15 mmHg, or 0.3 psi measured at 38 degrees C (100 °F) or
 - Having a vapor pressure equal to or less than 0.7 kPa; 5 mmHg; or 0.1 psi measured at 20 °C (68 °F).
 - The use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.
- (6) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (7) Emergency generators as follows: Gasoline generators not exceeding 110 horsepower, diesel generators not exceeding 1,600 horsepower, natural gas turbines or reciprocating engines not exceeding 16,000 horsepower [326 IAC 6-2-4].

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

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

D.6.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Matter Emission Limitations for Sources of Indirect Heating), particulate emissions from all the boilers with heat input rating of less than ten (10) MMBtu/hr each shall be limited to 0.6 pounds per MMBtu (lb/MMBtu) heat input.

D.6.2 PSD BACT Limit [326 IAC 2-2]

Pursuant to 326 IAC 2-2 (PSD) and the BACT determination in SSM 141-11673-00031, issued on June 28, 2000, the insignificant activities shall be as follows:

- (a) Gasoline fuel transfer and dispensing operation shall not exceed 1,300 gallons per day.
- (b) The petroleum fuel dispensing facility, shall not exceed a storage capacity greater 10,500 gallons, and shall not dispense fuel greater than 230,000 gallons per month.
- (c) Storage tanks with capacity less than 1,000 gallons shall have annual throughput less than 12,000 gallons. This shall include vessels storing lubricating oils, hydraulic oils, machining oils and machining fluids.
- (d) Cleaners and solvents used in this section shall have a vapor pressure equal to or less than 2 kPa; 15 mmHg, or 0.3 psi measured at 38 degrees C (100 °F) or shall have a vapor pressure equal to or less than 0.7 kPa; 5 mmHg; or 0.1 psi measured at 20 °C (68° F).

The use of which for all cleaners and solvents combined shall not exceed 145 gallons per 12 months.

- (e) Compliance with this condition and condition D.5.1 of this permit shall satisfy 326 IAC 2-2, the Prevention of Significant Deterioration.

SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) Surface coating facilities in the H1 Plant. Under 40 CFR 63, Subpart M, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M]:
- (1) One (1) spraying and dipping operation, constructed in 1983, identified as 001, for the prime coating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S1 and S2.
 - (2) One (1) spraying and dipping operation, constructed in 1983, identified as 002, for the topcoating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S3 and S4.
 - (3) One (1) spray coating operation, constructed in 1983, identified as 003, for the prime coating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S5, S6, S7 and S8.
 - (4) One (1) spray coating operation, constructed in 1983, identified as 004, for the topcoating of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S9, S10, S11 and S12.
 - (5) One (1) spray coating operation, constructed in 1983, identified as 005, for the topcoating of metal vehicle chassis, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S13, and S14.
 - (6) One (1) spray coating operation, constructed in 1983, identified as 006, for the camouflage painting of metal vehicle bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S15, S16, S17 and S18.
 - (7) One (1) touch-up/repair spray coating operation, constructed in 1983, identified as 007, for the repair of metal vehicle body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of parts for distribution as service (replacement) parts to be assembled in the field, with PM overspray controlled by dry filters, and exhausting to stack S19.
 - (8) One (1) Zinc Rich Primer Dip Booth, located adjacent to Small Parts Prime Booth 001 of the main H1 plant. This booth was permitted to construct in 2003.
 - (9) One (1) surface coating spray booth, identified as Booth 001b equipped with spray cup guns with compressed air, with PM overspray controlled by dry filters. This operation is used for repair painting metal parts.
 - (10) One (1) service parts booth, permitted to construct in 2007, with a spray system and a dip tank, using dry filters to control the PM overspray emissions from the spray system.
 - (11) Metal parts blasting room, constructed in 2007, capable of blasting 2.5 tons of parts per hour, using 176,250 pounds of steel and plastic abrasives per hour, with two (2) cartridge filters used to control the PM and PM10 emissions.

(b) Surface coating facilities in the Armour Building. Under 40 CFR 63, Subpart Mmmm, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm]:

- (1) One (1) spray coating operation, constructed in 1991, identified as 008, for the prime coating and topcoating of metal vehicle bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S21, S22, S23, S24, S25, S26 and S27.
- (2) One (1) spray coating operation, constructed in 1993, identified as 009, for accent and trim painting of metal commercial vehicle bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S28 and S29.

(d) H2 Plant Vehicle Production (Automobiles, Light Duty Trucks, and Heavier Vehicles):

(4) Painting Operations:

- (A) Electrodeposition dip prime process (E-Coat/ELPO) (Category #3) – Phosphate cleaning consists of the following process units: spray cleaner, immersion cleaner, spray rinse, immersion conditioner, zinc phosphate immersion cleaner, spray rinse, immersion R.O. rinse, passivation, and R.O. spray rinse.

The electrodeposition dip prime coating system (E-Coat/ELPO), which follows the phosphate cleaning, consists of the following process units: e-coat dip, ultrafilter recirculated rinse, ultrafilter dip rinse, recirculated ultrafilter spray, R.O. recirculated spray, e-coat oven (zones 1 to 5) and e-coat cooler (oven exit).

The VOC and HAPs emissions from the Electrodeposition dip prime process (E-Coat/ELPO), and the E-Coat/ELPO drying oven are controlled by a Regenerative Thermal Oxidizer. The electrodeposition dip prime process was constructed in 2000-2001. Under 40 CFR 63, Subpart Mmmm and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm][40 CFR 63, Subpart IIII].

- (B) Primer System (Category #4) – Consists of the following process units: e-coat scuff, interior sealing, exterior sealing, sealer inspection, tack-off booth, manual spray booth, robot spray booth, observation booth, common flash off enclosure, prime oven (zones 1 to 3) and prime cooler (oven exit). The primer system was constructed in 2000-2001. Under 40 CFR 63, Subpart Mmmm and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the Primer robot spray booth, observation booth, common flash off enclosure, prime oven and prime cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (C) Topcoat System (Category #5) - Consists of the following process units: prime scuff and prep booth, topcoat blow off booth, basecoat manual spray booth, basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat manual spray booth, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven (zones 1 to3) and topcoat cooler (oven exit). The topcoat system was constructed in 2000-2001. Under 40 CFR 63, Subpart Mmmm and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven and topcoat cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (E) Final and Spot Repair (Category #8) including off-line spot and three (3) final repair stations, identified as No.1, No.2, and No.3. The PM overspray from this system is controlled by dry filters. The final and spot repair process was constructed in 2000-2001. Under 40 CFR 63, Subpart Mmmm and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart Mmmm][40 CFR 63, Subpart IIII].

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

E.1.1 General Provisions Relating to NESHAP Mmmm [326 IAC 20-1] [40 CFR Part 63, Subpart A]

Pursuant to 40 CFR 63.3101, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions of 40 CFR Part 63, Subpart Mmmm in accordance with schedule in 40 CFR 63 Subpart Mmmm.

E.1.2 Surface Coating of Miscellaneous Metal Parts and Products NESHAP [40 CFR Part 63, Subpart Mmmm]

The Permittee which engages in coating metal parts and products shall comply with the provisions of 40 CFR Part 63, Subpart Mmmm as follows:

- (1) 40 CFR 63.3880
- (2) 40 CFR 63.3881 (a)(1), (a)(2), (b)
- (3) 40 CFR 63.3882
- (4) 40 CFR 63.3883 (b), (d)
- (5) 40 CFR 63.3890 (b)(1)
- (6) 40 CFR 63.3891 (b)
- (7) 40 CFR 63.3892 (a)
- (8) 40 CFR 63.3893 (a), (c)
- (9) 40 CFR 63.3900 (a)(1), (b)
- (10) 40 CFR 63.3901
- (11) 40 CFR 63.3910 (a), (b), (c)(1) through (c)(7), (c)(8)(ii), (c)(10)
- (12) 40 CFR 63.3920 (a)(1) through (a)(4), (a)(6)
- (13) 40 CFR 63.3930 (a), (b), (c)(1), (c)(3), (d), (e), (f), (g), (h), (j)
- (14) 40 CFR 63.3931
- (15) 40 CFR 63.3950
- (16) 40 CFR 63.3951
- (17) 40 CFR 63.3952
- (18) 40 CFR 63.3980
- (19) 40 CFR 63.3981

E.1.3 One-time Deadline for Reporting, Semi-annual Reports [40 CFR Part 63, Subpart MMMM]

The Permittee must submit semi-annual compliance reports by July 30, 2008, and every January 30 and July 30 thereafter.

SECTION E.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(d) H2 Plant Vehicle Production (Automobiles, Light Duty Trucks, and Heavier Vehicles):

(4) Painting Operations:

(A) Electrodeposition dip prime process (E-Coat/ELPO) (Category #3) – Phosphate cleaning consists of the following process units: spray cleaner, immersion cleaner, spray rinse, immersion conditioner, zinc phosphate immersion cleaner, spray rinse, immersion R.O. rinse, passivation, and R.O. spray rinse.

The electrodeposition dip prime coating system (E-Coat/ELPO), which follows the phosphate cleaning, consists of the following process units: e-coat dip, ultrafilter recirculated rinse, ultrafilter dip rinse, recirculated ultrafilter spray, R.O. recirculated spray, e-coat oven (zones 1 to 5) and e-coat cooler (oven exit).

The VOC and HAPs emissions from the Electrodeposition dip prime process (E-Coat/ELPO), and the E-Coat/ELPO drying oven are controlled by a Regenerative Thermal Oxidizer. The electrodeposition dip prime process was constructed in 2000-2001. Under 40 CFR 63, Subpart M MMM and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M MMM][40 CFR 63, Subpart IIII].

(B) Primer System (Category #4) – Consists of the following process units: e-coat scuff, interior sealing, exterior sealing, sealer inspection, tack-off booth, manual spray booth, robot spray booth, observation booth, common flash off enclosure, prime oven (zones 1 to 3) and prime cooler (oven exit). The primer system was constructed in 2000-2001. Under 40 CFR 63, Subpart M MMM and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M MMM][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the Primer robot spray booth, observation booth, common flash off enclosure, prime oven and prime cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

(C) Topcoat System (Category #5) - Consists of the following process units: prime scuff and prep booth, topcoat blow off booth, basecoat manual spray booth, basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat manual spray booth, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven (zones 1 to 3) and topcoat cooler (oven exit). The topcoat system was constructed in 2000-2001. Under 40 CFR 63, Subpart M MMM and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M MMM][40 CFR 63, Subpart IIII].

The VOC and HAPs emissions from the basecoat robot spray booth, basecoat observation booth, flash off zone, clearcoat robot spray booth, clearcoat observation booth, common flash off enclosure, topcoat oven and topcoat cooler (oven exit) are controlled by a Regenerative Thermal Oxidizer. The PM overspray is controlled by a water wash.

- (E) Final and Spot Repair (Category #8) including off-line spot and three (3) final repair stations, identified as No.1, No.2, and No.3. The PM overspray from this system is controlled by dry filters. The final and spot repair process was constructed in 2000-2001. Under 40 CFR 63, Subpart M and Subpart IIII, this is an existing metal parts and products surface coating facility [40 CFR 63, Subpart M][40 CFR 63, Subpart IIII].

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

E.2.1 General Provisions Relating to NESHAP IIII [326 IAC 20-1] [40 CFR Part 63, Subpart A]

Pursuant to 40 CFR 63.3101, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, as specified in Table 2 of 40 CFR Part 63, Subpart IIII in accordance with schedule in 40 CFR 63 Subpart IIII.

E.2.2 Automobiles and Light-Duty Trucks NESHAP [40 CFR Part 63, Subpart IIII]

The Permittee which engages in automobiles and light duty trucks production shall comply with the provisions of 40 CFR Part 63, Subpart IIII, as follows:

- (1) 40 CFR 63.3080
- (2) 40 CFR 63.3081 (a), (b), (c)
- (3) 40 CFR 63.3082 (a), (b), (c), (d), (e), (g)
- (4) 40 CFR 63.3083 (b), (d)
- (5) 40 CFR 63.3091
- (6) 40 CFR 63.3092
- (7) 40 CFR 63.3093
- (8) 40 CFR 63.3094
- (9) 40 CFR 63.3100
- (10) 40 CFR 63.3101
- (11) 40 CFR 63.3110
- (12) 40 CFR 63.3120
- (13) 40 CFR 63.3130
- (14) 40 CFR 63.3131
- (15) 40 CFR 63.3150
- (16) 40 CFR 63.3151
- (17) 40 CFR 63.3152
- (18) 40 CFR 63.3160 (b), (c)
- (19) 40 CFR 63.3161
- (20) 40 CFR 63.3163
- (21) 40 CFR 63.3164
- (22) 40 CFR 63.3165
- (23) 40 CFR 63.3166
- (24) 40 CFR 63.3167 (a), (f)
- (25) 40 CFR 63.3168 (a), (b), (c), (g)
- (26) 40 CFR 63.3170 (b)
- (27) 40 CFR 63.3171
- (28) 40 CFR 63.3173
- (29) 40 CFR 63.3175
- (30) 40 CFR 63.3176
- (31) Applicable portions of Table 1, Table 2, Table 3, and Table 4
- (31) Appendix A

**E.2.3 One-Time Deadlines Relating to Automobiles and Light-Duty Surface Coating Requirements
[40 CFR Part 63, Subpart IIII]]**

The Permittee shall comply with the following requirements by the dates listed:

Requirement	Rule Cite	Deadline
Submit Initial Notification	63.3110(b)	Upon start-up of automobile and light duty truck coating operation
Compliance Date	63.3083(a)	upon start-up
Conduct Initial Compliance Demonstrations	63.3150, 63.3160(a), and 63.3170(a)	The initial compliance demonstration must be completed for the initial compliance period, which begins on the day after the compliance date and ends on the last day of the twelfth full month after the compliance date.
Submit Notification of Intent to Conduct a Performance Test	63.7(b) and 63.9(e)	within 60 days before the performance test is scheduled to begin
Conduct Performance Test	63.3160(a)(1) and 63.3170(a)(1)	no later than 180 days after the compliance date
Results of Initial Performance Tests	63.3120(b)	within 60 days after completing the performance test
Notification of Compliance Status	63.3110(c)	no later than 30 days following the end of the initial compliance period
First Semiannual Compliance Report	63.3120(a)(1)	The first January 31 or July 31, after the end of the initial compliance period.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031

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 AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), 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 AND ENFORCEMENT BRANCH**

Part 70 Usage Report
(Submit Report Quarterly)

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Automobiles, light duty trucks, and H2 vehicles production plant
Parameter: Vehicle Production
Limit: Daily maximum production shall not exceed 364 vehicles.

Month: _____ Year: _____

Day	Day
1	17
2	18
3	19
4	20
5	21
6	22
7	23
8	24
9	25
10	26
11	27
12	28
13	29
14	30
15	31
16	

No deviation occurred in this month.

Deviation/s occurred in this month.
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 AND ENFORCEMENT BRANCH

Part 70 Usage Report

(Submit Report Quarterly)

Source Name: AM General LLC
 Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
 Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
 Part 70 Permit No.: T141-17644-00031
 Facility: Surface coating facilities (Automobiles, light duty trucks, and H2 vehicles)
 Parameter: Pounds of VOC/Gallon Applied Coating Solids (lbs/galc)
 Limit:

Facilities/Operations	Controlled VOC Limit (Pounds of VOC/Gallon Applied Coating Solids)
E-Coat/ELPO System	0.04
Primer /Topcoat System	4.5

The VOC limit in pounds of VOC/gallon applied coating solids shall be determined on a daily-volume-weighted average and actual transfer efficiencies.

Month: _____ Year: _____

		Day	
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16			

- No deviation occurred in this month.
 Deviation/s occurred in this month.
 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 AND ENFORCEMENT BRANCH

Part 70 Usage Report (Submit Report Quarterly)

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Off-line Spot and three (3) Final Repair Stations, identified as No. 1, No. 2, and No. 3 (Category #8)
Parameter: VOC input
Limit: The VOC input usage from the Spot and Final Repair operations shall be limited to less than 15 pounds per day (lbs/day). This limit shall be based on weighted average.

Month: _____ Year: _____

Day		Day	
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16			

No deviation occurred in this month.

Deviation/s occurred in this month.
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 AND ENFORCEMENT BRANCH**

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Zinc Rich Primer Dip Coating Booth and associated clean-up activities
Parameter: VOC input
Limit: The total VOC input such that the potential to emit does not exceed 25 tons per 12-consecutive month period, with compliance determined on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Zinc Rich Primer Dip Coating Booth and associated clean-up activities
Parameter: Single HAP input
Limit: The single HAP input such that the potential to emit does not exceed 10 tons per 12-consecutive month period, with compliance determined on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Coating Booth 001b and associated clean-up activities
Parameter: VOC input
Limit: The total VOC input such that the potential to emit does not exceed 14 tons per 12-consecutive month period, with compliance determined on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Coating Booth 001b and associated clean-up activities
Parameter: Single HAP input
Limit: The single HAP input such that the potential to emit does not exceed 10 tons per 12-consecutive month period, with compliance determined on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Coating Booth 001b and associated clean-up activities
Parameter: Total combined HAP input
Limit: The total combined HAP input such that the potential to emit does not exceed 25 tons per 12-consecutive month period, with compliance determined on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Coating Booths 001-007, Insignificant Degreasers and their associated clean-up activities
Parameter: VOC emissions
Limit: The total VOC emissions shall be limited such that the potential to emit does not exceed 377 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Vehicle (Automobiles, light duty trucks, and H2 vehicles) production
Parameter: Production
Limit: 86,000 vehicles per 12-consecutive month period, calculated on a monthly basis.

The volatile organic material (VOC) usages, and natural gas usages from the automobiles, light duty trucks, and H2 vehicles plant shall be limited such that the summation of the VOC emissions from all facilities at this plant shall not exceed 260 tons per 12-month period, rolled on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

Note: This Report shall be submitted with a detailed VOC emissions calculations (spreadsheet) showing all the VOC usages and natural gas usages.

- 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 AND ENFORCEMENT BRANCH**

Part 70 Quarterly Report

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031
Facility: Material usages, and natural gas usages from the automobiles, light duty trucks, and H2 vehicles plant
Parameter: VOC usages
Limit: The volatile organic material (VOC) usages shall be limited such that the summation of the VOC emissions from all facilities at this plant shall not exceed 260 tons per 12-month period, rolled on a monthly basis.

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

Note: This Report shall be submitted with a detailed VOC emissions calculations (spreadsheet) showing all the VOC usages and natural gas usages.

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

Source Name: AM General LLC
Source Address: 13200 McKinley Hwy, Mishawaka, Indiana 46545
Mailing Address: 12900 McKinley Hwy, Mishawaka, Indiana 46545
Part 70 Permit No.: T141-17644-00031

Months: _____ to _____ Year: _____

Page 1 of 2

<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. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

**Technical Support Document (TSD) for a Part 70 Significant Permit
Modification**

Source Description and Location

Source Name:	AM General, LLC
Source Location:	13200 McKinley Highway, Mishawaka, Indiana 46545
County:	St. Joseph
SIC Code:	3711
Operation Permit Renewal No.:	T141-17644-00031
Operation Permit Issuance Date:	November 18, 2008
Significant Permit Modification No.:	141-27254-00031
Permit Reviewer:	Jean Boling

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T141-17644-00031 on November 18, 2008. This modification is the first action affecting the permit.

County Attainment Status

The source is located in St. Joseph County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective July 19, 2007, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Attainment effective October 18, 2000, for the 1-hour ozone standard for the South Bend-Elkhart area, including St. Joseph County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour standard was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM2.5.	

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.

- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
 - (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. St Joseph County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM2.5**
St. Joseph County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15th, 2008.
 - (c) **Other Criteria Pollutants**
St. Joseph County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
 - (d) **Fugitive Emissions**
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Description of Proposed Modification

The Office of Air Quality (OAQ) has reached a settlement agreement with AM General, LLC relating to the appealed conditions of Part 70 Operating Permit Renewal No. T141-17644-00031, issued November 18, 2008. The permit is being modified to incorporate the changes that were agreed upon between AM General, LLC and IDEM, OAQ.

Permit Level Determination – Part 70

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

This modification will be incorporated into the Part 70 Operating Permit Renewal through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because the modification requires significant changes to existing monitoring. There is no increase in the potential to emit of any regulated pollutants associated with this modification.

Federal Rule Applicability Determination

The federal rule applicability for this source remains unchanged as a result of this modification.

State Rule Applicability Determination

The state rule applicability for this source remains unchanged as a result of this modification.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

There are no new Compliance Determination or Compliance Monitoring requirements applicable to this modification.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit Renewal No. T141-17644-00031. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

IDEM Change No. 1:

Several of IDEM's branches and sections have been renamed. References to "Permit Administration and Development Section" and the "Permits Branch" have been changed to "Permit Administration and Support Section". References to "Asbestos Section", "Compliance Data Section", "Air Compliance Section", and "Compliance Branch" have been changed to "Compliance and Enforcement Branch".

IDEM Change No. 2:

IDEM has revised Section D.1.7 to change the PM emission limitation for the Metal Parts Building from 5.71 to 5.70 pounds per ton because the 5.71 pounds per ton limitation restricts PM emissions to 25 tons per year. In order to render 326 IAC 2-2 not applicable, the PM emission limitation must limit PM emissions from the Metal Parts Building to less than 25 tons per year.

D.1.7 Particulate Emission Limitations [326 IAC 2-2]

- (a) The PM emissions from the Metal Parts Blasting Room and the service parts booth shall not exceed ~~5.71~~**5.70** pounds per hour.

Modification No. 1

Condition D.1.14 has been revised to remove the testing requirement for the Metal Parts Blasting Room. The source has demonstrated through stack testing that the PM and PM10 emissions are well below the particulate matter limitations, therefore IDEM has agreed to remove this requirement. Subsequent permit conditions have been renumbered accordingly.

~~D.1.14 Testing Requirements [326 IAC 2-2]~~

~~In order to demonstrate compliance with Conditions D.1.7 the Permittee shall perform testing on the Metal Parts Blasting Room within five (5) years from the date of the last valid compliance demonstration test using a method acceptable to IDEM, OAQ. These tests shall be repeated at least once every five (5) years from the most recent valid compliance demonstration. PM10 includes filterable PM10 and condensable PM10. Testing shall be conducted in accordance with Section C – Performance Testing.~~

Modification No. 2

Condition D.5.9 has been revised to accurately specify the testing frequency for destruction efficiency and capture efficiency testing.

~~D.5.9 Testing Requirements [326 IAC 2-7-6(1), (6)][326 IAC 2-1.1-11] [326 IAC 2-2]~~

- (b) The Compliance stack tests for the Primer/Topcoat System in (a) of this condition shall be made utilizing Method 25 for destruction efficiency, and or other methods as approved by the Commissioner for capture efficiency. ~~This~~**The test for destruction efficiency** shall be repeated at least once every two and a half (2.5) years from the date of ~~this~~ **the most recent valid compliance demonstration. The test for capture efficiency shall be repeated at least every five (5) years from the date of the most recent valid compliance demonstration.** In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

Conclusion and Recommendation

The operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification No. 141-27254-00031. The staff recommends to the Commissioner that this Part 70 Significant Permit Modification be approved.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Ken Zmudzinski
AM General, LLC
12900 McKinley Hwy
Mishawaka, IN 46545

DATE: April 16, 2010

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Significant Permit Modification
141-27254-00031

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Ricky Smith (VP – AM General, LLC)
Randy Martin (ISES)
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

April 16, 2010

TO: Harris Branch Library

From: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: AM General, LLC
Permit Number: 141-27254-00031

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	MIDENNEY 4/16/2010 AM General LLC 141-27254-00031 (final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Ken Zmudzinski AM General LLC 12900 McKinley Hwy. Mishawaka IN 46545 (Source CAATS) via confirmed delivery										
2		Ricky R. Smith Vice-President AM General LLC 12900 McKinley Hwy. Mishawaka IN 46545 (RO CAATS)										
3		Mr. Charles L. Berger Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 (Affected Party)										
4		Laurence A. McHugh Barnes & Thornburg 100 North Michigan South Bend IN 46601-1632 (Affected Party)										
5		Mishawaka City Council and Mayors Office 600 E. 3rd Street Mishawaka City Hall Mishawaka IN 46546 (Local Official)										
6		Mr. Wayne Falda South Bend Tribune 255 W Colfax Ave South Bend IN 46626 (Affected Party)										
7		St. Joseph County Board of Commissioners 227 West Jefferson Blvd, South Bend IN 46601 (Local Official)										
8		St. Joseph County Health Department 227 W Jefferson Blvd, Room 825 South Bend IN 46601-1870 (Health Department)										
9		Mr. Randy Martin Industrial Safety and Environmental Services, Inc. 30723 Old US Highway 20 Elkhart, IN 46514 (Consultant)										
10		Harris Branch Library 51446 Elm Road Granger IN 46530 (Library)										
11												
12												
13												
14												
15												

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9			