



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: May 11, 2010

RE: Carlisle Industrial Brake and Friction / 105 - 29161 - 00013

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

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot12/3/07



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Mr. John F. Cage, Mfg. Egr.
Carlisle Industrial Brake and Friction
1031 East Hillside Drive
Bloomington, Indiana, 47401-6597

May 11, 2010

Re: **105-29161-00013**
First Notice-Only Change to
M105-28659-00013

Dear Mr. Cage:

Carlisle Industrial Brake and Friction was issued a New Source Construction and Minor Source Operating Permit (MSOP) No. M105-28659-00013 on March 24, 2010, for a stationary motor vehicle parts and accessories, including brakes, brake parts, and clutch parts, manufacturing facility located at 1021 East Hillside Drive, Bloomington, Indiana 47401. On April 13, 2010, the Office of Air Quality (OAQ) received an application from the source for the changes listed in the attached Technical Support Document (TSD).

All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit. A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

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 Janet Mobley, of my staff, at 317-234-5373 or 1-800-451-6027, and ask for extension 4-5373.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/jm

Attachments: Updated Permit and Technical Support Document

cc: File - Monroe County
Monroe County Health Department
U.S. EPA, Region V
Compliance and Enforcement Branch
Billing, Licensing and Training Section



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New Source Construction and Minor Source Operating Permit OFFICE OF AIR QUALITY

**Carlisle Industrial Brake & Friction
1031 E Hillside Drive
Bloomington, Indiana 47401**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted 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 MSOP under 326 IAC 2-6.1.

Operation Permit No.: M105-28659-00013	
Issued by: original signed by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: March 24, 2010 Expiration Date: March 24, 2015

First Notice Only Change No.: 105-29161-00013	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: May 11, 2010 Expiration Date: March 24, 2015

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SECTION A

SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary motor vehicle parts and accessories, including brakes, brake parts, and clutch parts, manufacturing facility.

Source Address:	1031 E Hillside Drive, Bloomington, Indiana 47401
General Source Phone Number:	812-334-8711
SIC Code:	3714
County Location:	Monroe
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

- (a) One Brake Assembly and Brake Part manufacturing operation, including the following:
 - (1) Metal Surface Coating Operations, including the following:
 - (A) One (1) Spray Paint Booth, identified as PB1, constructed in 1992, using air atomization to spray coatings on metal automotive brake assemblies and actuator assemblies, with a maximum application rate of thirty-three hundredths (0.33) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB1;
 - (B) One (1) Spray Paint Booth, identified as PB2, constructed in 1992, using air atomization to spray coatings on metal automotive brake assemblies, with a maximum application rate of fifty hundredths (0.50) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB2;
 - (C) One (1) Spray Paint Booth, identified as PB3, constructed in 1992, using air atomization to spray coatings on metal automotive brake assemblies, with a maximum application rate of fifty hundredths (0.50) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB3;
 - (D) One (1) natural gas-fired Aquamaster CM 3600 Parts Washer/Conveyorized degreaser, identified as PW1, constructed in 2007, with a maximum throughput capacity of ninety (90) parts/hr, consisting of one (1) twenty-seven hundredths (0.27) MMBtu/hr Pre-Wash Burner, one (1) seventy hundredths (0.70) MMBtu/hr Dip Stage Burner, one (1) twenty-seven hundredths (0.27) MMBtu/hr Rinse Stage

Burner, and one (1) twenty-five hundredths (0.25) MMBtu/hr Blow-off Stage Burner, using a water-based VOC and HAP free alkaline solvent, uncontrolled and exhausting to the outside through stacks S-PW1A, S-PW1B, and S-PW1C;

- (E) Seven (7) Parts Washers/cold cleaner degreasers, each using a water-based alkaline solvent, uncontrolled and exhausting to the inside of the building. No VOC or HAP emissions are anticipated from the solvent usage in these units. Including the following:
 - (i) Four (4) Parts Washers/cold cleaner degreasers, identified as PW2 through PW4 and PW6, each constructed in 1993, with a maximum solvent replacement volume of six hundredths (0.06) gal/day;
 - (ii) One (1) Parts Washer/cold cleaner degreaser, identified as PW5, constructed in 1988, with a maximum solvent replacement volume of six hundredths (0.06) gal/day; and
 - (iii) Two (2) Parts Washers/cold cleaner degreasers, identified as PW7 and PW8, each constructed in 2009, with a maximum replacement volume of six teen hundredths (0.16) gal/day.
 - (iv) One (1) Parts Washer/cold cleaner degreaser, identified as PW9, approved for construction in 2010, with a maximum solvent replacement volume of six hundredths (0.06) gal/day.
 - (F) One (1) natural gas-fired Paint Drying Oven, identified as OV1, constructed in 1992, with a maximum heat input capacity of one (1.00) MMBtu/hr, uncontrolled and exhausting outside the building through stack S-OV1; and
 - (G) One (1) natural gas-fired Permafuse Oven, identified as OV2, constructed in 2007, with a maximum heat input capacity of eighty hundredths (0.80) MMBtu/hr, processing a maximum of fifteen (15.0) brake parts, or twenty-two hundredths (0.22) pounds of bonding film, per hour, uncontrolled and exhausting outside the building through stack S-OV2.
- (2) Metal Machining Operations
- (A) One (1) Lathe Machine M1800, identified as LM1, constructed in 2006, having a maximum throughput of twenty (20) metal automotive brake parts/hour or one hundred (100) pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building;
 - (B) One (1) Vertical Turret Lathe M1905, identified as LM2, constructed in 2006, having a maximum throughput of five (5) metal automotive brake parts/hour or four hundred twenty-five 425 pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building;
 - (C) One (1) Vertical Turret Lathe M1900, identified as LM3, constructed in 1981, having a maximum throughput of five (5) metal automotive brake parts/hour or two hundred fifty 250 pounds of metal parts/hour, with

particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building; and

- (D) One (1) Vertical Turret Lathe M1921, identified as LM4, constructed in 2006, having a maximum throughput of twelve (12) metal automotive brake parts/hour or one hundred forty-four (144) pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building.

(3) Metal Grinding and Finishing Operations

- (A) One (1) Grinder M1796, identified as G1, constructed in 2007, for the finishing of metal brake parts, having a maximum throughput of eight (8) parts/hour or five tenths (0.5) lbs/hour, with particulate emissions controlled by baghouse (BH3), and exhausting inside the building; and
- (B) One (1) Grinder M1797, identified as G2, constructed in 2007, having a maximum throughput of twenty (20) parts/hour or five tenths (0.5) lbs/hour, with particulate emissions controlled by baghouse (BH4), and exhausting inside the building.

(b) Clutch lining manufacturing operation, including the following;

(1) Friction Materials Closed/Compression Molding Operations

- (A) One (1) Mixer, identified as M1, approved for construction in 2010, for the mixing of friction materials, having a maximum throughput capacity of two hundred fifty (250) lbs/hour, with particulate emissions controlled by baghouse (BH1), and exhausting outside the building through stack S-BH1;
- (B) Eight (8) Clutch Lining Presses, identified as PR1 through PR8, for the forming of friction materials into clutch lining parts, approved for construction in 2010, electrically heated, having a combined maximum throughput capacity of thirty (30) lbs/hour, uncontrolled and exhausting inside the building;
- (C) One (1) Pre-form Machine, identified as PM1, approved for construction in 2010, for the forming of friction materials into pre-form blocks, having a maximum throughput capacity of two hundred (200) lbs/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;
- (D) Two (2) Military Block Presses, identified as PR9 and PR10, approved for construction in 2010, for the forming of pre-form blocks into military blocks, electrically heated, having a combined maximum throughput capacity of two hundred (200) lbs/hour, uncontrolled and exhausting inside the building; and
- (E) Four (4) Cabinet Ovens, identified as OV3 through OV6, approved for construction in 2010, for the curing of clutch lining and military block parts, electrically heated, having a combined maximum throughput capacity of two hundred (200) lbs of molded parts/hour, uncontrolled and exhausting inside the building;

(2) Friction Materials Machining Operations

- (A) One (1) Cutting Machine, identified as C1, approved for construction in 2010, for the sizing of molded parts, having a maximum throughput capacity of seventy-five (75) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;
- (B) One (1) Slitting Machine, identified as S1, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2; and
- (C) One (1) Drill Machine, identified as D1, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2.

(3) Friction Materials Grinding and Finishing Operations

- (A) One (1) Sander, identified as S2, approved for construction in 2010, for the sizing of molded parts, having a maximum throughput capacity of seventy-five (75) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;
 - (B) One (1) Grinder, identified as G3, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2; and
 - (C) One (1) Grinder, identified as G4, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2.
- (c) One (1) natural gas fired boiler, identified as B1, initially constructed in 1953 and a burner replacement in 1976, with a maximum heat input capacity of twelve and fifty-six hundredths (12.56) MMBtu per hour, uncontrolled and exhausting outside the building through stack S-B1.
 - (d) One (1) natural gas fired boiler, identified as B2, initially constructed in 1953 and a burner replacement in 1976, with a maximum capacity of twelve and fifty-six hundredths (12.56) MMBtu per hour, uncontrolled and exhausting outside the building through stack S-B2.
 - (e) One (1) Emergency Diesel Fire Pump Engine, identified as FP1, constructed in 1981, with a maximum power output rating of ninety-seven (97.0) hp, uncontrolled and exhausting outside the building.
 - (f) One (1) natural gas-fired Hot Water Boiler, identified as HWB1, constructed in 1998, with a maximum heat input capacity of thirty-four hundredths (0.34) MMBtu/hr, uncontrolled and exhausting inside the building;

- (g) One (1) natural gas-fired Heat Treat Oven used for maintenance and R&D, identified as OV7, approved for construction in 2010, with a maximum heat input capacity of sixty hundredths (0.60) MMBtu/hr, uncontrolled and exhausting outside the building through stack S-HT1;
- (h) Maintenance activities, as defined in 326 IAC 2-1.1-3(e)(34), including:
 - (1) Repair and maintenance of paved and unpaved roads, including paving or sealing, or both, of parking lots and roadways.
 - (2) Painting, including interior and exterior painting of buildings, and solvent use excluding degreasing operations utilizing halogenated organic solvents.
 - (3) Brazing, soldering, or welding operations and associated equipment; including: One (1) Welding Booth with Three (3) MIG Welders, One (1) TIG Welder, Two (2) Stick Welders, One (1) Cutting Torch, and One (1) Plasma Cutter
 - (4) Blast-cleaning equipment using water as the suspension agent and associated equipment.
 - (5) Lubrication, including:
 - (A) hand-held spray can lubrication;
 - (B) dipping metal parts into lubricating oil; or
 - (C) manual or automated addition of cutting oil in machining operations.
- (i) Four (4) Horizontal Mills, Four (4) Lathes, Two (2) CNC Machines, Two (2) Table Saws, and Five (5) Bench Grinders used for maintenance activities, constructed in 1981, all controlled by an area dust collector (MicroAir MX 3500, gas flow rate = 3,500cfm) and exhausting inside the building; and
- (j) Activities performed using hand-held equipment, as defined in 326 IAC 2-1.1-3(e)(35), including:
 - (1) Cutting, excluding cutting torches.
 - (2) Grinding.
 - (3) Machining wood, metal, or plastic.
 - (4) Surface grinding.
 - (5) Turning wood, metal, or plastic.
- (k) Storage equipment and activities, as defined in 326 IAC 2-1.1-3(e)(39), including pressurized storage tanks and associated piping for the following:
 - (1) Acetylene.
 - (2) Liquid natural gas (LNG) (propane).
- (l) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

- (m) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings;
- (n) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;
- (o) One (1) Test Lab Facility, as defined in 326 IAC 2-1.1-3(e)(2); and
- (p) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

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 2-1.1-1) shall prevail.

B.2 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.3 Affidavit of Construction [326 IAC 2-5.1-3(h)] [326 IAC 2-5.1-4]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 when prior to the start of operation, the following requirements are met:

- (a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as proposed in the application or the permit. The emission units covered in this permit may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as proposed.
- (b) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.
- (c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

B.4 Permit Term [326 IAC 2-6.1-7(a)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]

- (a) This permit, M105-28659-00013, 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, until the renewal permit has been issued or denied.

B.5 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.6 Enforceability

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.7 Severability

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.8 Property Rights or Exclusive Privilege

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

B.9 Duty to Provide Information

- (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. 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.10 Reserved

B.11 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 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, IN 46204-2251
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.12 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

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

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

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

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

- (a) All terms and conditions of permits established prior to M105-28659-00013 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-6.1-7(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 one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.15 Permit Renewal [326 IAC 2-6.1-7]

- (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 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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 one hundred twenty (120) days 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 2-6.1 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, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.16 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 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
MC61-53IGCN1003
Indianapolis, Indiana 46204-2251
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.17 Source Modification Requirement

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

B.18 Inspection and Entry

[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under 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, at reasonable times, 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, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.19 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

(a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 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 an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.20 Annual Fee Payment [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees due no later than thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.

(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.21 Credible Evidence [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 2-6.1-5(a)(1)]

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

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

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

C.4 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.5 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 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-1 or in this permit.

C.6 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.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 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.

- (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 Licensed 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 Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.8 Performance Testing [326 IAC 3-6]

- (a) For performance testing required by this permit, 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.
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.
- (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.9 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.10 Compliance Monitoring [326 IAC 2-1.1-11]

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

C.11 Reserved

C.12 Instrument Specifications [326 IAC 2-1.1-11]

- (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

C.13 Response to Excursions or Exceedances

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to 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 excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is 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 normal or usual manner of operation.
- (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 record the reasonable response steps taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test

- (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 submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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.

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

C.15 Malfunctions Report [326 IAC 1-6-2]

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

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

C.16 General Record Keeping Requirements [326 IAC 2-6.1-5]

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

- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

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

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

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) Reserved.
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: [326 IAC 2-6.1-5(a)(1)]: Surface Coating Operations

- (a) One Brake Assembly and Brake Part manufacturing operation, including the following:
- (1) Metal Surface Coating Operations, including the following:
- (A) One (1) Spray Paint Booth, identified as PB1, constructed in 1992, using air atomization to spray coatings on metal automotive brake assemblies and actuator assemblies, with a maximum application rate of thirty-three hundredths (0.33) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB1;
- (B) One (1) Spray Paint Booth, identified as PB2, constructed in 1992, using air atomization to spray coatings on metal automotive brake assemblies, with a maximum application rate of fifty hundredths (0.50) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB2;
- (C) One (1) Spray Paint Booth, identified as PB3, constructed in 1992, using air atomization to spray coatings on brake metal automotive assemblies, with a maximum application rate of fifty hundredths (0.50) gal/hr, equipped with dry filters for particulate control, and exhausting outside the building through stack S-PB3;

(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 2-6.1-5(a)(1)]

D.1.1 VOC Limit [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) emissions from any coatings delivered to each applicator shall not exceed three and five tenths (3.5) pounds of VOC per gallon of coating, excluding water, for coatings that are air dried or forced warm air dried at temperatures up to ninety degrees Celsius (90°C) (one hundred ninety-four degrees Fahrenheit (194°F)), as delivered to the applicator(s) in Spray Paint Booth #1, identified as PB1.
- (b) Pursuant to 326 IAC 8-2-9(f), solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 Particulate [326 IAC 6-3-2(d)]

- (a) Particulate from the Paint Booths #1, #2 and #3, identified as PB1, PB2 & PB3, each, shall be controlled by a dry particulate filter and the Permittee shall operate the control device(s) in accordance with manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
- (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

- (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and any associated control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.4 Volatile Organic Compounds (VOC)[326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC content contained in Condition D.1.1 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.

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

D.1.5 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.1, the Permittee shall maintain 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 usage limit established in Condition D.1.1.
 - (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on a 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.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: [326 IAC 2-6.1-5(a)(1)]: Metal Machining Operations

(a) One Brake Assembly and Brake Part manufacturing operation, including the following:

(2) Metal Machining Operations

(A) One (1) Lathe Machine M1800, identified as LM1, constructed in 2006, having a maximum throughput of twenty (20) metal automotive brake parts/hour or one hundred (100) pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building.

(B) One (1) Vertical Turret Lathe M1905, identified as LM2, constructed in 2006, having a maximum throughput of five (5) metal automotive brake parts/hour or four hundred twenty-five 425 pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building.

(C) One (1) Vertical Turret Lathe M1900, identified as LM3, constructed in 1981, having a maximum throughput of five (5) metal automotive brake parts/hour or two hundred fifty 250 pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building.

(D) One (1) Vertical Turret Lathe M1921, identified as LM4, constructed in 2006, having a maximum throughput of twelve (12) metal automotive brake parts/hour or one hundred forty-four (144) pounds of metal parts/hour, with particulate emissions controlled by a portable dust collector, identified as baghouse BH5, and exhausting inside the building.

(E) One (1) natural gas-fired Heat Treat Oven, identified as OV7, approved for construction in 2010, with a maximum heat input capacity of sixty hundredths (0.60) MMBtu/hr, uncontrolled and exhausting to the inside of the building;

(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 2-6.1-5(a)(1)]

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

Pursuant to 326 IAC 6-3-2(e) (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each of the facilities listed in this condition shall not exceed the pound per hour limitations listed in the table below:

Emission Unit	Process Weight Rate		Particulate Emission Limit (lb/hour)
	(lbs/hr)	(tons/hr)	
Lathe Machine M1800 (LM1) controlled by baghouse (BH5)	100.0	0.050	0.551
Vertical Turret Lathe M1905 (LM2) controlled by baghouse (BH5)	250.0	0.125	1.018
Vertical Turret Lathe M1900 (LM3) controlled by baghouse (BH5)	425.0	0.213	1.452
Vertical Turret Lathe M1921 (LM4) controlled by baghouse (BH5)	144.0	0.072	0.703

These limitations were calculated as follows:

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

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

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

Compliance Determination Requirements

D.2.2 Particulate Control

- (a) In order to comply with Condition D.1.1, the baghouses for particulate control shall be in operation and control emissions from the metal machining operations at all times that any of the metal machining equipment is in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: [326 IAC 2-6.1-5(a)(1)]: Clutch Lining Manufacturing Operations

- (a) Clutch lining manufacturing operation, including the following;
 - (1) Friction Material Closed/Compression Molding Operations
 - (A) One (1) Mixer, identified as M1, approved for construction in 2010, for the mixing of friction materials, having a maximum throughput capacity of two hundred fifty (250) lbs/hour, with particulate emissions controlled by baghouse (BH1), and exhausting outside the building through stack S-BH1;
 - (B) Eight (8) Clutch Lining Presses, identified as PR1 through PR8, for the forming of friction materials into clutch lining parts, approved for construction in 2010, electrically heated, having a combined maximum throughput capacity of thirty (30) lbs/hour, uncontrolled and exhausting inside the building;
 - (C) One (1) Pre-form Machine, identified as PM1, approved for construction in 2010, for the forming of friction materials into pre-form blocks, having a maximum throughput capacity of two hundred (200) lbs/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;
 - (D) Two (2) Military Block Presses, identified as PR9 and PR10, approved for construction in 2010, for the forming of pre-form blocks into military blocks, electrically heated, having a combined maximum throughput capacity of two hundred (200) lbs/hour, uncontrolled and exhausting inside the building;
 - (E) Four (4) Cabinet Ovens, identified as OV3 through OV6, approved for construction in 2010, for the curing of clutch lining and military block parts, electrically heated, having a combined maximum throughput capacity of two hundred (200) lbs of molded parts/hour, uncontrolled and exhausting inside the building;
 - (2) Friction Materials Machining Operations
 - (A) One (1) Cutting Machine, identified as C1, approved for construction in 2010, for the sizing of molded parts, having a maximum throughput capacity of seventy-five (75) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;
 - (B) One (1) Slitting Machine, identified as S1, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2; and
 - (C) One (1) Drill Machine, identified as D1, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2.

<p>(3) Friction Material Grinding and Finishing Operations</p> <p>(A) One (1) Sander, identified as S2, approved for construction in 2010, for the sizing of molded parts, having a maximum throughput capacity of seventy-five (75) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2;</p> <p>(B) One (1) Grinder, identified as G3, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2; and</p> <p>(C) One (1) Grinder, identified as G4, approved for construction in 2010, for the shaping of molded parts, having a maximum throughput capacity of two hundred (200) lbs of molded parts/hour, with particulate emissions controlled by baghouse (BH2), and exhausting outside the building through stack S-BH2.</p> <p>(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)</p>
--

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.3.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each of the facilities listed in this condition shall not exceed the pound per hour limitations listed in the table below:

Emission Unit	Process Weight Rate		Particulate Emission Limit (lb/hour)
	(lbs/hr)	(tons/hr)	
Cutting Machine (C1) controlled by baghouse (BH2)	75.0	0.038	0.454
Slitting Machine (S1) controlled by baghouse (BH2)	200.0	0.100	0.877
Drill Machine (D1) controlled by baghouse (BH2)	200.0	0.100	0.877
Sander (S2) controlled by baghouse (BH2)	75.0	0.038	0.454
Grinder (G3) controlled by baghouse (BH2)	200.0	0.100	0.877
Grinder (G4) controlled by baghouse (BH2)	200.0	0.100	0.877

These limitations were calculated as follows:

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

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

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

D.3.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and any associated control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.3.3 Particulate Control

- (a) In order to comply with Condition D.1.1, the baghouse(s) for particulate control shall be in operation and control emissions from the friction material machining, grinding and finishing operations at all times that any of the friction material machining, grinding and/or finishing equipment is in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

D.3.4 Testing Requirements [326 IAC 2-6.1][326 IAC 2-4.1][326 IAC 8-1-6][326 IAC 2-1.1-11]

Pursuant to Air-014-NPD (Approval and Validation of Alternate Emission Factors) and in order to verify the MSOP status of the source, in accordance with 326 IAC 2-6.1, the Hazardous Air Pollutant (HAP) and Volatile Organic Compound (VOC) potential to emit (PTE) of the Clutch Parts Manufacturing Line's Closed/Compression Molding operations shall be confirmed, as follows:

- (a) Within ninety (90) days after the issuance of the permit (#M105-28659-00013), the Permittee shall submit a copy of the September 18, 1997 test report and associated test data generated from testing conducted at Carlisle Motion Control Industries, Inc.'s South Hill facility, located at 1000 Cycle Lane in South Hill, Virginia, for PTE validation by IDEM.

The report and data 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, IN 46204-2251

- (1) If the alternate emission factors are determined to be valid and acceptable in determining the HAP and VOC PTE of the Clutch Parts Manufacturing Line's Closed/Compression Molding Operations, then the testing requirement, as defined in subsection (b) of this condition, will be satisfied.
- (2) If the alternate emission factors are not determined to be valid and acceptable in determining the HAP and VOC PTE of the Clutch Parts Manufacturing Line's Closed/Compression Molding Operations, then the testing requirement, as defined in subsection (b) of this condition, shall be conducted.
- (b) Within one hundred eighty (180) days after the issuance of the permit (#M105-28659-00013), the Permittee shall conduct a test to determine the HAP and VOC PTE of the Clutch Parts Manufacturing Line's Closed/Compression Molding Operations utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with Section C - Performance Testing.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: [326 IAC 2-6.1-5(a)(1)]: Natural gas-fired Boilers

- (c) One (1) natural gas fired boiler, identified as B1, initially constructed in 1953 and a burner replacement in 1976, with a maximum heat input capacity of twelve and fifty-six hundredths (12.56) MMBtu per hour, uncontrolled and exhausting outside the building through stack S-B1.
- (d) One (1) natural gas fired boiler, identified as B2, initially constructed in 1953 and a burner replacement in 1976, with a maximum capacity of twelve and fifty-six hundredths (12.56) MMBtu per hour, uncontrolled and exhausting outside the building through stack S-B2.
- (f) One (1) natural gas-fired Hot Water Boiler, identified as HWB1, constructed in 1998, with a maximum heat input capacity of thirty-four hundredths (0.34) MMBtu/hr, uncontrolled and exhausting inside the building;

(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 [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (Particulate Limitations for Sources of Indirect Heating) the PM emissions from the two (2) natural gas-fired boilers, identified as B1 & B2, each, shall be limited to eight tenths (0.8) lbs/mmBtu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

where

$$C = 50 \text{ u/m}^3$$

Pt = emission rate limit (lbs/MMBtu)

Q = total source heat input capacity (MMBtu/hr) (25.13)

N = number of stacks (2.0)

a = plume rise factor (0.67)

h = stack height (ft) (38.0)

Pursuant to 326 IAC 6-2-3(d) (Particulate Emission Limitations for Sources of Indirect Heating: emission limitations for facilities specified in 326 IAC 6-2-1(c)), PM from boilers B1 and B2, shall in no case exceed eight tenths (0.8) pounds of particulate matter per million British thermal units heat input.

D.4.2 Particulate Emissions [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), particulate emissions from the one (1) thirty-four hundredths (0.34) MMBtu/hr natural gas-fired boiler (identified as HWB1) shall be limited to forty-seven hundredths (0.47) pounds per MMBtu heat input.

This limitation is based on the following equation:

$$Pt = 1.09/Q^{0.26}$$

Where: Pt = Pounds of Particulate Matter emitted per million
Btu (lb/mmBtu) heat input; and

Q = Total source maximum operating capacity rating in
million Btu per hour (mmBtu/hr) heat input (25.47).

D.4.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan is required for boilers B1 and B2, and any associated control device(s). Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH MINOR SOURCE OPERATING PERMIT ANNUAL NOTIFICATION

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

Company Name:	Carlisle Industrial Brake & Friction
Address:	1031 E Hillside Drive
City:	Bloomington, Indiana 47401
Phone #:	812-334-8711
MSOP #:	M105-28659-00013

I hereby certify that Carlisle Industrial Brake & Friction is : still in operation.
 no longer in operation.

I hereby certify that Carlisle Industrial Brake & Friction is : in compliance with the requirements of
MSOP M105-28659-00013.
 not in compliance with the requirements
MSOP M105-28659-00013.

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

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

Noncompliance:

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY FAX NUMBER: (317) 233-6865

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

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

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

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

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

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

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

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

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

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

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

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

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

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

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

326 IAC 1-6-1 Applicability of rule

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

326 IAC 1-2-39 "Malfunction" definition

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

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

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

Mail to: Permit Administration & Support Section
Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Carlisle Industrial Brake & Friction
1031 E Hillside Drive
Bloomington, Indiana 47401

Affidavit of Construction

I, _____, being duly sworn upon my oath, depose and say:
(Name of the Authorized Representative)

1. I live in _____ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of _____ for _____
(Title) (Company Name)
3. By virtue of my position with _____, I have personal
(Company Name)
knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of _____
(Company Name)
4. I hereby certify that Carlisle Industrial Brake & Friction 1031 E Hillside Drive, Bloomington, Indiana 47401, completed construction of the motor vehicle parts and accessories, including brakes, brake parts, and clutch parts, manufacturing facility on _____ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on **Reviewer: Insert date application received at IDEM** and as permitted pursuant to New Source Construction Permit and Minor Source Operating Permit No. M105-28659-00013, Plant ID No. 105-00013 issued on _____.
5. **Permittee, please cross out the following statement if it does not apply:** Additional (operations/facilities) were constructed/substituted as described in the attachment to this document and were not made in accordance with the construction permit.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature _____
Date _____

STATE OF INDIANA)
)SS

COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County and State of Indiana
on this _____ day of _____, 20 _____. My Commission expires: _____.

Signature _____
Name _____ (typed or printed)

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Notice Only Change to a Minor Source Operating Permit (MSOP)

Source Description and Location

Source Name:	Carlisle Industrial Brake & Friction
Source Location:	1031 E Hillside Drive, Bloomington, IN 47401
County:	Monroe
SIC Code:	3714
Operation Permit No.:	105-28659-00013
Operation Permit Issuance Date:	March 24, 2010
Notice Only Change No.:	105-29161-00013
Permit Reviewer:	Janet Mobley

On April 13, 2010, the Office of Air Quality (OAQ) received an application from Carlisle Industrial Brake & Friction related to a notice only change at their existing plant.

Existing Approvals

The source was issued New Construction MSOP No. 105-28659-00013 on March 24, 2010.

County Attainment Status

The source is located in Monroe County. The following attainment status designations are applicable to Monroe County:

Pollutant	Designation
O ₃	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
PM _{2.5}	Unclassifiable or attainment effective April 5, 2005
SO ₂	Better than national standards.
NO ₂	Cannot be classified or better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
Pb	Not designated.
¹ Unclassifiable or attainment, effective October 18, 2000, for the 1-hour ozone standard, which was revoked effective June 15, 2005.	

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) 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 NO_x emissions are considered when evaluating the rule applicability relating to ozone. Monroe County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM_{2.5}**
Monroe County has been classified as attainment for PM_{2.5}. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions, and the effective date of these rules was July 15, 2008. Indiana has three years from the publication of these

rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

- (c) **Other Criteria Pollutants**
Monroe 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.

Fugitive Emissions

- (a) The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.
- (b) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Status of the Existing Source

The table below summarizes the potential to emit of the entire source, prior to the change, after consideration of all enforceable limits established in the effective permits:

Process/ Emission Unit	Potential To Emit of the Entire Source Prior to the Notice Only Change (tons/year)								
	PM	PM10*	PM2.5	SO ₂	NOx	VOC	CO	Total HAPs	Worst Single HAP
Brake Assembly & Brake Parts Manufacturing Line									
Surface Coating Operations									
Paint Booth #1 (PB1)	7.56	7.56	7.56	0	0	5.09	0	0.24	0.017 (xylene)
Paint Booth #2 (PB2)	11.18	11.18	11.18	0	0	1.79	0	0.04	0.04 (xylene)
Paint Booth #3 (PB3)	11.18	11.18	11.18	0	0	1.79	0	0.04	0.04 (xylene)
Shoe Cell Assembly	0	0	0	0	0	1.96	0	0.02	0.02 (methanol)
Machining & Grinding Operations ⁽¹⁾	16.31	3.43	3.43	0	0	0	0	11.20	4.11 (chromium)
Clutch Parts Manufacturing Line									
Material Handling	0.45	0.21	0.21	0	0	0	0	0	0
Molding Operations	0	0	0	0	0	4.13	0	0.54	0.48 (phenol)
Machining & Grinding Operations ⁽¹⁾	19.34	3.54	3.54	0	0	0	0	0	0
Natural Gas Combustion	0.24	0.98	0.73	0.08	12.86	0.71	10.80	0.24	0.23 (hexane)
Emergency Diesel Fire Pump	0.05	0.05	0.05	0.05	0.75	0.06	0.16	negl.	negl.
Fugitive Emissions (Paved Roads)	0.60	0.12	0.02	0	0	0	0	0	0
Total PTE of Entire Source	66.91	38.23	37.89	0.13	13.61	15.55	10.96	12.33	4.11 (chromium)
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA	NA
negl. = negligible * Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". (1) The PTE PM specified is based on the allowable PM emissions rate under 326 IAC 6-3-2 (Process Weight Rate Rule). See State Rule applicability for details. Note: The HAP emissions from the Machining & Grinding operations are reported as uncontrolled for the purposes of determining potential emissions and Permitting level; however, Metal HAPs are particulate in nature and can be controlled using a control device. Therefore, since a control device is required for this unit pursuant to 326 IAC 6-3, the controlled PTE Metal HAPs is only 0.22 tons/yr. These emissions are based upon IDEM OAQ Permit No.: 105-28659-00013 TSD and ATSD calculations.									

Description of Proposed Notice Only Change

On April 13, 2010, the Office of Air Quality (OAQ) received a letter from Carlisle Industrial Brake & Friction requesting to add one additional parts washer/cold cleaner degreaser similar to existing units at the source. Pursuant to the provisions of 326 IAC 2-6.1-6, the permit is hereby revised as follows with the deleted language as ~~strikeouts~~ and new language **bolded**.

The source has added one (1) new parts washers/cold degreaser, identified as PW9, to the existing metal surface coating operation, a part of the brake assembly and brake part manufacturing operation. The addition of the new parts washer/cold degreaser operation to the permit is considered a notice-only change since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified 326 IAC 2-6.1-6(g)(4) and 326 IAC 2-6.1-6(d)(10), respectively. The uncontrolled/unlimited potential to emit of the entire source will continue to be less than the threshold levels specified in 326 IAC 2-7. The addition of these units will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3.

The following is the emission unit and pollution control device description:

One (1) Parts Washers/cold cleaner degreaser, identified as PW9, approved for construction in 2010, with a maximum solvent replacement volume of six hundredths (0.06) gal/day.

Enforcement Issues

There are no pending enforcement actions related to this notice only change.

Emission Calculations

See the table in this TSD for the emission calculations.

PTE of the Entire Source After Issuance of the MSOP Notice Only Change

The table below summarizes the potential to emit of the entire source, with updated emissions shown as **bold** values and previous emissions shown as ~~strikethrough~~ values.

The table below summarizes the potential to emit of the entire source after issuance of this change, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this MSOP permit amendment, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. (Note: the table below was generated from the above table, with bold text un-bolded and strikethrough text deleted).

Process/ Emission Unit	Potential To Emit of the Entire Source After the Notice Only Change (tons/year)								
	PM	PM10 *	PM2.5	SO ₂	NOx	VOC	CO	Total HAPs	Worst Single HAP
Brake Assembly & Brake Parts Manufacturing Line									
Surface Coating Operations									
Paint Booth #1 (PB1)	7.56	7.56	7.56	0	0	5.09	0	0.24	0.017 (xylene)
Paint Booth #2 (PB2)	11.18	11.18	11.18	0	0	1.79	0	0.04	0.04 (xylene)
Paint Booth #3 (PB3)	11.18	11.18	11.18	0	0	1.79	0	0.04	0.04 (xylene)
Shoe Cell Assembly	0	0	0	0	0	1.96	0	0.02	0.02 (methanol)
Machining & Grinding Operations ⁽¹⁾	16.31	3.43	3.43	0	0	0	0	11.20	4.11 (chromium)
Clutch Parts Manufacturing Line									
Material Handling	0.45	0.21	0.21	0	0	0	0	0	0
Molding Operations	0	0	0	0	0	4.13	0	0.54	0.48 (phenol)
Machining & Grinding Operations ⁽¹⁾	19.34	3.54	3.54	0	0	0	0	0	0
Natural Gas Combustion	0.24	0.98	0.73	0.08	12.86	0.71	10.80	0.24	0.23 (hexane)
Emergency Diesel Fire Pump	0.05	0.05	0.05	0.05	0.75	0.06	0.16	negl.	negl.
Fugitive Emissions (Paved Roads)	0.60	0.12	0.02	0	0	0	0	0	0
PARTS WASHER W9	0	0	0	0	0	0	0	0	0
Total PTE of Entire Source	66.91	38.23	37.89	0.13	13.61	15.55	10.96	12.33	4.11 (chromium)
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA	NA
negl. = negligible * Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". (1) The PTE PM specified is based on the allowable PM emissions rate under 326 IAC 6-3-2 (Process Weight Rate Rule). See State Rule applicability for details. Note: The HAP emissions from the Machining & Grinding operations are reported as uncontrolled for the purposes of determining potential emissions and Permitting level; however, Metal HAPs are particulate in nature and can be controlled using a control device. Therefore, since a control device is required for this unit pursuant to 326 IAC 6-3, the controlled PTE Metal HAPs is only 0.22 tons/yr. These emissions are based upon IDEM OAQ Permit No.: 105-28659-00013 TSD and ATSD calculations.									

MSOP Status

This amendment to an existing Title V minor stationary source will not change the minor status, because the uncontrolled/unlimited potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-6.1 (MSOP).

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included for this proposed notice only change.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (b) There are no new National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this proposed notice only change.

The requirements of 40 CFR 63, Subpart T (63.460 through 63.470), NESHAP for Halogenated Solvent Cleaning and 326 IAC 20-6, are not included in this notice only change because this operation does not use a degreasing solvent that contains any of the halogenated compounds listed in 40 CFR 63.460(a).

Compliance Assurance Monitoring (CAM)

- (c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability Determination

The following state rules are applicable to the proposed change:

- (a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than 250 tons per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the MSOP Revision Section above.
- (c) 326 IAC 2-1.1-5 (Nonattainment New Source Review)
This modification to an existing minor stationary source under 326 IAC 2-1.1-5 (Nonattainment New Source Review) will not change the minor status, because the potential to emit of PM_{2.5} from the entire source will continue to be less than 100 tons per year. Therefore, pursuant to 326 IAC 2-1.1-5, the Nonattainment New Source Review requirements do not apply. See PTE of the Entire Source After Issuance of the MSOP Revision Section above.
- (d) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed change is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the modified unit is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

- (e) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (f) 326 IAC 5-1 (Opacity Limitations)
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:
 - (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) 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.
- (g) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.

Parts Washers/cold cleaner degreaser, identified as PW9

326 IAC 8-3 (Organic Solvent Degreasing Operations)

- (a) The new parts washer/cold cleaner degreaser unit (PW9) is not subject to the requirements of this rule. The one (1) Aqua Master Parts Washer (PW1) constructed in 2007, three (3) Kleeeflo 90 gallon parts washers (PW2-PW4) constructed in 1993, one (1) Rotojet 90 gallon parts washer (PW5) constructed in 1993, one (1) Kemac 90 gallon parts washer (PW6) constructed in 1988, and two (2) Kleeeflo 190 gallon parts washers (PW2-PW4) constructed in 2009, as well as this new unit (PW9) each, utilize aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs, excluding HAPs, as defined under Section 112(b) of the Clean Air Act. Therefore, pursuant to 326 IAC 2-1.1-3(e)(13)(D) (Exemptions for Water Based Activities), the requirements of 326 IAC 8-3 do not apply to these facilities and are not included in the permit.
- (b) There are no other 326 IAC 8 Rules that apply to the solvent usage at this source

Compliance Determination, Monitoring and Testing Requirements
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The existing compliance requirements will not change as a result of this notice only change. The source shall continue to comply with the applicable requirements and permit conditions as contained in MSOP No: 105-28659-00013, issued on March 24, 2010.

Proposed Changes

Pursuant to the provisions of 326 IAC 2-6.1-6, the permit is hereby revised as follows with the deleted language as ~~strikeouts~~ and new language **bolded**.

- (a) The source has requested that the permit be revised to include the construction and operation of a new parts washers/cold cleaner degreaser unit to be added to the existing metal surface coating operation. The new parts washers/ cold cleaner degreaser will comply with the same applicable

requirements and permit terms and conditions, but will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3. The uncontrolled/unlimited potential to emit of the entire source will continue to be less than the threshold levels specified in 326 IAC 2-7. The addition of the new parts washers/cold cleaner degreaser unit to the permit is considered a notice-only change pursuant to 326 IAC 2-6.1-6(d)(13).

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

- (a) One Brake Assembly and Brake Part manufacturing operation, including the following:
 - (1) Metal Surface Coating Operations, including the following:
 - ...
 - (E) Seven (7) Parts Washers/cold cleaner degreasers, each using a water-based alkaline solvent, uncontrolled and exhausting to the inside of the building. No VOC or HAP emissions are anticipated from the solvent usage in these units. Including the following:
 - (i) Four (4) Parts Washers/cold cleaner degreasers, identified as PW2 through PW4 and PW6, each constructed in 1993, with a maximum solvent replacement volume of six hundredths (0.06) gal/day;
 - (ii) One (1) Parts Washer/cold cleaner degreaser, identified as PW5, constructed in 1988, with a maximum solvent replacement volume of six hundredths (0.06) gal/day; and
 - (iii) Two (2) Parts Washers/cold cleaner degreasers, identified as PW7 and PW8, each constructed in 2009, with a maximum replacement volume of six teen hundredths (0.16) gal/day.
 - (iv) One (1) Parts Washer/cold cleaner degreaser, identified as PW9, approved for construction in 2010, with a maximum solvent replacement volume of six hundredths (0.06) gal/day.**

Upon further evaluation, IDEM, OAQ has decided to make additional revisions to the permit as described below:

- (b) The Table of Contents has been updated to reflect the changes.
- (c) IDEM has decided that the phrases "*no later than*" and "*not later than*" are clearer than "*within*" in relation to the end of a timeline.
- (d) IDEM has determined that rather than having a Certification condition and various references throughout the permit as to whether the particular report, notice, or correspondence needs to include a certification, the specific conditions that require an affirmation of truth and completeness shall state so. To clarify that Section B - Certification only states what a certification must be, IDEM has revised the condition. All statements to whether a certification, pursuant to the former Section B - Certification, is needed or not have been removed.

The language is not changed in Section B - Credible Evidence and Annual Compliance Certification (only the last sentence) and Section C - Asbestos Abatement Projects. They still require certification as the underlying rules also require certifications.

Section B - Duty to Provide Information has been revised.

B.16 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 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
MC61-53IGCN1003
Indianapolis, Indiana 46204-2251

~~Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (c) The Permittee shall notify the OAQ ~~within~~ **no later than** thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

* * *

B.20 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due ~~within~~ **no later than** thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.
- (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.

Actions Related to Noncompliance Demonstrated by a Stack Test is shown later in this TSD.

B.9 Duty to Provide Information

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~ 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.10 Reserved Certification

- ~~(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 an "authorized individual" 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) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).~~

B.12 Preventive Maintenance Plan [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) ~~within~~ **no later than** ninety (90) days after issuance of this permit, including the following information on each facility:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

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

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (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.15 Permit Renewal [326 IAC 2-6.1-7]

(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 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require ~~the certification~~ **an affirmation that the statements in the application are true and complete** by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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 one hundred twenty (120) days 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 2-6.1 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, **pursuant to 326 IAC 2-6.1-4(b)**, in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.16 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

* * *

B.19 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 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~~ **an affirmation that the statements in the application are true and complete** by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

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

- (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 61-53 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

C.8 Performance Testing [326 IAC 3-6]

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

A For performance testing required by this permit, 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (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.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test

- (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 ~~its~~ response actions to IDEM, OAQ, ~~within thirty (30) days of receipt of the test results no later than seventy-five (75) days after the date of the test. 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~~ **no later than** one hundred ~~twenty (120)~~ **eighty (180)** days of receipt of the original test results **after the date of the test**. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred ~~twenty (120)~~ **eighty (180)** 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

C.16 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, **for all record keeping requirements not already legally required shall be implemented within, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.**

C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

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

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

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) ~~Reserved. 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

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

~~Minor Source Operating Permit (MSOP)~~
~~CERTIFICATION~~

Source Name: _____ Carlisle Industrial Brake & Friction
Source Address: _____ 1031 E Hillside Drive, Bloomington, Indiana 47401
Mailing Address: _____ 1031 E Hillside Drive, Bloomington, IN 47401
MSOP No.: _____ M105-28659-00013

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

~~— Please check what document is being certified:~~

~~Annual Compliance Certification Letter~~

~~Test Result (specify) _____~~

~~Report (specify) _____~~

~~Notification (specify) _____~~

~~Affidavit (specify) _____~~

~~Other (specify) _____~~

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

- (e) IDEM has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.

C.3 Opacity [326 IAC 5-1]

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

* * *

- (f) IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.

C.5 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~~ **or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-1 or in this permit.**

- (g) IDEM has moved this condition into a section if it requires the monitoring or testing.

C.11 ~~Reserved 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.~~

- (h) IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.

C.13 Response to Excursions or Exceedances

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitaiton in this permit:

- (a) ~~Upon detecting an excursion or exceedance, the~~ The Permittee shall **take reasonable response steps** to 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 **excess** 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~~ **The response** may include, but ~~are~~ **is** 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~~ **normal or usual manner of operation.**
- (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 ~~record~~ ~~maintain the following records~~ **record** **the reasonable response steps taken.** :
- ~~(1) monitoring data;~~
 - ~~(2) monitor performance data, if applicable; and~~
 - ~~(3) corrective actions taken.~~
- (i) For clarity, IDEM has changed references to the general conditions: "in accordance with Section B", "in accordance with Section C", or other similar language, to " Section B ... contains the Permittee's obligations with regard to the records required by this condition."

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit,~~ is required for these facilities and any associated control devices. **Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

D.3.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, ~~in accordance with Section B - Preventive Maintenance Plan, of this permit,~~ is required for these facilities and any associated control devices. **Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

D.4.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, ~~in accordance with Section B - Preventive Maintenance Plan, of this permit,~~ is required for boilers B1 and B2, and any associated control device(s). **Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

- (j) The word "status" has been added to Section D - Record Keeping Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.

D.1.5 Record Keeping Requirements

- (a) To document **the** compliance **status** with Condition D.1.1, the Permittee shall maintain 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 usage limit established in Condition D.1.1.
- (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on a 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.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.
- (k) IDEM, OAQ has decided to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.

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

The Permittee owns and operates a stationary motor vehicle parts and accessories, including brakes, brake parts, and clutch parts, manufacturing facility.

Source Address:	1031 E Hillside Drive, Bloomington, Indiana 47401
Mailing Address:	1031 E Hillside Drive, Bloomington, IN 47401
General Source Phone Number:	812-334-8711
SIC Code:	3714
County Location:	Monroe
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program
	Minor Source, under PSD and Emission Offset Rules
	Minor Source, Section 112 of the Clean Air Act
	Not 1 of 28 Source Categories

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application submitted by the applicant. An application for the purposes of this review was received on April 13, 2010.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed MSOP Notice Only Change No. 105-29161-00013. The staff recommends to the Commissioner that this MSOP Notice Only Change be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Janet Mobley at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5373 or toll free at 1-800-451-6027.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov



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: John Cage
Carlisle Industrial Brake and Friction
1031 E Hillside Dr
Bloomington, IN 47401

DATE: May 11, 2010

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

SUBJECT: Final Decision
MSOP - Notice-Only Change
105 - 29161 - 00013

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:
John Whicker, Plant Egr
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

Mail Code 61-53

IDEM Staff	LPOGOST 5/11/2010 Carlisle Industrial Brake & Friction 105 - 29161 - 00013 final)			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	Type of Mail: CERTIFICATE OF MAILING ONLY	

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		John Cage Carlisle Industrial Brake & Friction 1031 E Hillside Dr Bloomington IN 47401 (Source CAATS) Via confirmed delivery										
2		John Whicker Plant Egr Carlisle Industrial Brake & Friction 1031 E Hillside Dr Bloomington IN 47401 (RO CAATS)										
3		Monroe County Health Department 119 W 7th St Bloomington IN 47404-3989 (Health Department)										
4		Mr. Randy Brown Plumbers & Steam Fitters Union, Local 136 2300 St. Joe Industrial Park Dr Evansville IN 47720 (Affected Party)										
5		Mr. Richard Monday 545 E. Margaret Dr. Terre Haute IN 47801 (Affected Party)										
6		Monroe County Commissioners Monroe County Courthouse, Room 322 Bloomington IN 47404 (Local Official)										
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Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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