INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

July 27, 2004

TO: Interested Parties / Applicant

RE: Elkhart Brass Manufacturing Company, Inc. / 039-19624-00072

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot 9/16/03

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July 27, 2004

Mr. Art Zielinski
Elkhart Brass Manufacturing Company, Inc.
P.O. Box 1127
Elkhart, Indiana 46515

Re: **039-19624-00072**
Second Notice Only Change to
MSOP Permit No.: 039-7635-00072

Dear Mr. Zielinski:

Elkhart Brass Manufacturing Company, Inc., was issued a MSOP permit on May 1, 2001, for a brass and aluminum fire fighting equipment manufacturing source. An application was received April 14, 2004, requesting that the emission statement condition be removed from the permit due to the revisions to 326 IAC 2-6 (Emission Reporting) which became effective on March 27, 2004. The Permittee is no longer required to submit an emission statement; therefore, the emission statement condition will be removed from the permit. Pursuant to the provisions of 326 IAC 2-6.1-6(d) the permit is hereby administratively amended as follows:

Condition C.17 is removed and the remaining conditions are renumbered:

~~C.17 Annual Emission Statement [326 IAC 2-6]~~

~~(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by April 15 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:~~

~~(1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);~~

~~(2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.~~

~~(b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:~~
~~Indiana Department of Environmental Management~~
~~Technical Support and Modeling Section, Office of Air Quality~~
~~100 North Senate Avenue, P. O. Box 6015~~
~~Indianapolis, Indiana 46206-6015~~

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

~~The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.~~

All other conditions of the permit shall remain unchanged and in effect. Please find a copy of the entire MSOP permit with the revisions.

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 at 317-232-8369 or at 1-800 451-6027 extension 2-8369.

Sincerely,
Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

PD/jm
cc: File – Elkhart County
Elkhart County Health Department
Air Compliance Section Inspector – Paul Karkiewicz
Compliance Data Section
IDEM Northern Regional Office
Permit Review Section II- Janet Mobley

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MINOR SOURCE OPERATING PERMIT
OFFICE OF AIR QUALITY

Elkhart Brass Manufacturing Co., Inc.
1302 W. Beardsley Avenue
Elkhart, Indiana 46515

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

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

Operation Permit No.: MSOP 039-7635-00072	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: May 1, 2001 Expiration Date: May 1, 2006

First Notice Only Change No.: 039-17835-00072, issued July 24, 2003

Second Notice Only Change No.: 039-19624-00072	Condition Affected: C.17 removed and remaining conditions renumbered
Issued by:Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: July 27, 2004

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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 are 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 brass and aluminum fire fighting equipment manufacturing source.

Authorized Individual:	Art Zielinski
Source Address:	1302 W. Beardsley Avenue, Elkhart, Indiana 46515
Mailing Address:	P.O. Box 1127, Elkhart, Indiana 46515
SIC Code:	3341
County Location:	Elkhart
County Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act 1 of 28 Listed Source Categories

A.2 Emissions Units and Pollution Control Equipment Summary

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

(a) Grinding and finishing operations with a capacity of 1.75 tons of castings per hour consisting of:

(1) One (1) grinder, known as EU1, equipped with a baghouse for PM control, installed in 1987, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(2) One (1) belt grinder, known as EU2, equipped with a baghouse for PM control, installed in 1985, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(3) One (1) tumblast, known as EU3, equipped with a baghouse for PM control, installed in 1979, exhausted to stack 1, approximate capacity: 1.17 tons per hour.

(4) One (1) cut off saw, known as EU4, equipped with a baghouse for PM control, installed in 1993, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(5) One (1) belt sander, known as EU5, equipped with a cyclone and a baghouse for PM control, installed in 1989, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(6) One (1) grinder, known as EU6, equipped with a baghouse for PM control, installed in 1987, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(7) One (1) grinder, known as EU7, equipped with a baghouse for PM control, installed in 1985, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(8) One (1) belt sander, known as EU8, equipped with a baghouse for PM control, installed in 1990, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(9) One (1) polisher, known as EU11, installed in 1992, equipped with a cyclone and

a baghouse for PM control, exhausted to stack 5, approximate capacity: 0.125 tons per hour.

(10) One (1) buffer, known as EU12, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 5, approximate capacity: 0.125 tons per hour.

(11) One (1) surface grinder, known as EU14, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(12) One (1) wire wheel, known as EU15, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(13) One (1) buffer, known as EU16, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.269 tons per hour.

(14) One (1) buffer, known EU17, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(15) One (1) polisher, known as EU18, installed in 1992, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(16) One (1) surface grinder, known as EU21, installed in 1978, equipped with a cyclone for PM control, exhausted to stack 9, approximate capacity: 0.269 tons per hour.

(17) Two (2) tool grinders, known as EU22 and EU23, EU22 installed in 1973 & EU23 installed in 1972, each equipped with a cyclone for PM control, each exhausted to stack 9, approximate capacity: 0.269 tons per hour, each.

(18) One (1) universal grinder, known as EU24, installed in 1973, equipped with a cyclone for PM control, exhausted to stack 9, approximate capacity: 0.269 tons per hour.

(19) One (1) tumblast, known as EU27, installed in 1990, exhausted to stack 1, equipped with a baghouse for PM control, approximate capacity: 1.17 tons per hour.

(b) Sand handling operations with a maximum capacity of 20 tons of sand per hour, consisting of the following:

(1) One (1) sand mullor and sand screen, known as EU19, installed in 1982, each equipped with a baghouse for PM control and exhausted to stack 7.

(2) One (1) bucket elevator system for sand, known as EU38, installed in 1995, exhausted to stack 18.

(c) Core making operations with a maximum capacity of 0.34 tons of shell cores per hour and 0.25 tons of phenolic cured ester cores per hour, consisting of the following:

Two (2) core machines, known as EU20 and EU101, installed in 1988, exhausted to stack 8.

(d) One (1) paint booth, known as EU26, installed in 1970, equipped with dry filters as overspray control, exhausted to stack 10, average capacity: 7.9 brass fittings per hour.

(e) Melting operations with a maximum capacity of 2.50 tons of brass or aluminum per hour, consisting of the following:

(1) Three (3) induction melt furnaces known as EU29, EU30 and EU31, with EU29 and EU30 installed in 1985 and exhausting to a fume duct (known as EU34) and stack 14, and EU31 installed in 1987 and exhausting to a fume duct (known as EU35), with all emissions which are not exhausting to the fume ducts exhausted to stack 13, capacity: 2.25 tons per hour, each.

(2) Two (2) natural gas heated swing arm crucible furnaces, known as EU32 and EU33, each installed in 1988 and exhausting to a fume duct (known as EU36), with all emissions which are not exhausting to the fume duct exhausted to stack 13, capacity: 2.25 tons per hour, each.

(f) Pouring, cooling and shakeout operations, with a maximum capacity of 2.50 tons per hour, consisting of the following:

(1) One (1) Sinto casting line, known as EU37, installed in 1999, consisting of mold making, pouring, cooling, and shakeout operations, exhausting to stacks S20 and S17.

(2) One (1) Rollover casting line, consisting of mold making, pouring, cooling, and shakeout operations.

(g) One (1) internal combustion engine, known as Process 011 and EU104, installed in 1990, using natural gas as fuel, exhausted to stack 84, capacity: 3.26 million British thermal units per hour.

(h) Forty-eight (48) natural gas-fired unit heaters, total capacity: 8.93 million British thermal units per hour.

(i) One (1) lead forging bench area, known as EU39, installed in 1977, exhausted to stack 19, capacity: 10 hammer heads per month.

(j) One (1) arc welder, known as EU40, installed in 1969, exhausted to stack 20, capacity: 6 inches per minute.

(k) One (1) acetylene welder, known as EU41, installed in 1969, exhausted to stack 20, capacity: 2 inches per minute.

(l) One (1) acetylene torch/braze/operation, known as EU45, installed in 1969, exhausted to stack 24, capacity: 5 pieces per hour.

(m) The following woodworking operations, with an average capacity of 0.19 pound per hour:

(1) One (1) drill press

(2) One (1) band saw

(3) One (1) wood lathe

(4) One (1) wood planer

(5) One (1) disc sander for wood

(6) One (1) reciprocating sander for wood

(7) One (1) table saw for wood

(n) The following wet metalworking and machining operations:

(1) Seven (7) CNC vertical mills

(2) One (1) CNC horizontal mill

(3) Ten (10) CNC lathes

(4) Five (5) manual vertical mills

(5) Two (2) manual horizontal mills

(6) Five (5) manual lathes

(7) One (1) cold cutoff saw

(8) One (1) abrasive cutoff saw

(9) One (1) surface grinder

(10) Three (3) grinders

(11) One (1) carbide grinder

(12) Ten (10) bench grinders

(13) Fifty (50) hand grinders

(14) Thirty-two (32) drill presses

(15) Four (4) band saws

(16) Thirteen (13) belt sanders

(17) Three (3) punch presses

(18) One (1) radial arm drill

(19) Five (5) multi-station chuckers

(20) One (1) shaper machine

(o) One (1) enclosed cabinet sandblast used for maintenance

(p) Five (5) lift trucks and one (1) skid loader operating on liquid propane gas.

(q) One (1) pipe threader used to apply threads to metal pieces, using a liquid lubricant.

(r) One (1) assembly cold cleaning degreasing unit, known as EU42, installed in 1979, exhausted to stack 21, capacity: 80 gallons, degreasing 1 wire basket per hour and using 165

gallons of solvent per year.

(s) Four (4) small parts washers, installed in October 1988, containing remote solvent reservoirs, using 570 gallons of degreasing agent and recovering 521 gallons of degreasing agent per year.

SECTION B GENERAL CONDITIONS

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

B.1 Permit No Defense [IC 13]

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

B.2 Definitions

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

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

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

B.4 Modification to Permit [326 IAC 2]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

C.1 PSD and Part 70 Minor Source Status [326 IAC 2-2] [40 CFR 52.21] [326 IAC 2-7]

(a) The potential to emit of PM is limited to less than one hundred (100) tons per year. Therefore, the total source potential to emit of each criteria pollutant is less than one hundred (100) tons per year and the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

(b) Any change or modification which may increase potential to emit PM_{10}, SO_2, VOC, NO_X or CO to 100 tons per year from this source, shall cause this source to be considered a major source under 326 IAC 2-7, and shall require approval from IDEM, OAQ prior to making the change.

(c) Any change or modification which may increase potential to emit of any criteria pollutant to one hundred (100) tons per year from this source, shall cause this source to be considered a major source under PSD, 326 IAC 2-2 and 40 CFR 52.21, and shall require approval from IDEM, OAQ prior to making the change.

C.2 Hazardous Air Pollutants (HAPs) [326 IAC 2-7]

Any change or modification which may increase potential to emit to ten (10) tons per year of any single hazardous air pollutant, twenty-five (25) tons per year of any combination of hazardous air pollutants from this source, shall cause this source to be considered a major source under Part 70 Permit Program, 326 IAC 2-7, and shall require approval from IDEM, OAQ prior to making the change.

C.3 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 (PMP) after issuance of this permit, including the following information on each emissions unit:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;

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

(b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that failure to implement the Preventive Maintenance Plan does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) PMP's shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its Preventive Maintenance Plan whenever lack of proper maintenance causes or contributes to any violation.

C.4 Permit Revision [326 IAC 2-5.1-3(e)(3)] [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 amend or modify this permit.

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

C.5 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)]

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 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

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

(a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, within thirty (30) days of the change.

(b) The written notification shall be sufficient to transfer the permit to the new owner by a notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).

(c) IDEM, OAQ, shall issue a revised permit.

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

C.7 Permit Revocation [326 IAC 2-1-9]

Pursuant to 326 IAC 2-1-9(a)(Revocation of Permits), this permit to operate may be revoked for any of the following causes:

(a) Violation of any conditions of this permit.

(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.

(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.

(d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.

(e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.8 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

C.9 Fugitive Dust Emissions [326 IAC 6-4]

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

C.10 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted by using good engineering practices (GEP) pursuant to 326 IAC 1-7-3 and by using ambient air quality modeling pursuant to 326 IAC 1-7-4.

Testing Requirements

C.11 Performance Testing [326 IAC 3-6] [326 IAC 2-1.1-11]

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

(b) All test reports must be received by IDEM, OAQ, within forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

Compliance Monitoring Requirements

C.12 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.13 Monitoring Methods [326 IAC 3]

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, or other approved methods as specified in this permit.

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 1-6]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:

(A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

(c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) The monitoring equipment malfunctioned, giving a false reading. This shall be an

excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied; or

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned to operating within “normal” parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken.

C.15 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 corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected emissions unit while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected emissions unit.

The documents submitted pursuant to this condition do not require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1.

Record Keeping and Reporting Requirements

C.16 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 practic-

able, 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.17 Monitoring Data Availability [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.

(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.

(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.

(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.

(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.

(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.18 General Record Keeping Requirements [326 IAC 2-6.1-2]

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ, representative. 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 written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;
(2) The dates analyses were performed;
(3) The company or entity performing the analyses;
(4) The analytic techniques or methods used;
(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement.

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(4) Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

(d) All record keeping requirements not already legally required shall be implemented when operation begins.

C.19 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015

Indianapolis, Indiana 46206-6015

(b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(c) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(d) All instances of deviations must be clearly identified in such reports. A reportable deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) A malfunction as described in 326 IAC 1-6-2; or

(3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

(4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred or failure to monitor or record the required compliance monitoring is a deviation.

(e) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

(f) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

C.21 Annual Notification [326 IAC 2-6.1-5(a)(5)]

(a) Annual notification shall be submitted to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.

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

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

Compliance Data Section, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue, P.O. Box 6015

Indianapolis, IN 46206-6015

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) Grinding and finishing operations with a capacity of 1.75 tons of castings per hour consisting of:

(1) One (1) grinder, known as EU1, equipped with a baghouse for PM control, installed in 1987, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(2) One (1) belt grinder, known as EU2, equipped with a baghouse for PM control, installed in 1985, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(3) One (1) tumblast, known as EU3, equipped with a baghouse for PM control, installed in 1979, exhausted to stack 1, approximate capacity: 1.17 tons per hour.

(4) One (1) cut off saw, known as EU4, equipped with a baghouse for PM control, installed in 1993, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(5) One (1) belt sander, known as EU5, equipped with a cyclone and a baghouse for PM control, installed in 1989, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(6) One (1) grinder, known as EU6, equipped with a baghouse for PM control, installed in 1987, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(7) One (1) grinder, known as EU7, equipped with a baghouse for PM control, installed in 1985, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(8) One (1) belt sander, known as EU8, equipped with a baghouse for PM control, installed in 1990, exhausted to stack 1, approximate capacity: 0.269 tons per hour.

(9) One (1) polisher, known as EU11, installed in 1992, equipped with a cyclone and a baghouse for PM control, exhausted to stack 5, approximate capacity: 0.125 tons per hour.

(10) One (1) buffer, known as EU12, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 5, approximate capacity: 0.125 tons per hour.

(11) One (1) surface grinder, known as EU14, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(12) One (1) wire wheel, known as EU15, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

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

Emissions Unit Description: (continued)

(13) One (1) buffer, known as EU16, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.269 tons per hour.

(14) One (1) buffer, known EU17, installed in 1990, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(15) One (1) polisher, known as EU18, installed in 1992, equipped with a cyclone and a baghouse for PM control, exhausted to stack 6, approximate capacity: 0.125 tons per hour.

(16) One (1) surface grinder, known as EU21, installed in 1978, equipped with a cyclone for PM control, exhausted to stack 9, approximate capacity: 0.269 tons per hour.

(17) Two (2) tool grinders, known as EU22 and EU23, EU22 installed in 1973 & EU23 installed in 1972, each equipped with a cyclone for PM control, each exhausted to stack 9, approximate capacity: 0.269 tons per hour, each.

(18) One (1) universal grinder, known as EU24, installed in 1973, equipped with a cyclone for PM control, exhausted to stack 9, approximate capacity: 0.269 tons per hour.

(19) One (1) tumblast, known as EU27, installed in 1990, exhausted to stack 1, equipped with a baghouse for PM control, approximate capacity: 1.17 tons per hour.

(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(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-3-2]

(a) Pursuant to 326 IAC 6-3-2, the PM from the one (1) grinder, known as EU1, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(b) Pursuant to 326 IAC 6-3-2, the PM from the one (1) belt grinder, known as EU2, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(c) Pursuant to 326 IAC 6-3-2, the PM from the one (1) tumblast, known as EU3, shall not exceed 4.55 pounds per hour when operating at a process weight rate of 1.17 tons per hour.

(d) Pursuant to 326 IAC 6-3-2, the PM from the one (1) cut off saw, known as EU4, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(e) Pursuant to 326 IAC 6-3-2, the PM from the one (1) belt sander, known as EU5, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(f) Pursuant to 326 IAC 6-3-2, the PM from the one (1) grinder, known as EU6, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(g) Pursuant to 326 IAC 6-3-2, the PM from the one (1) grinder, known as EU7, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(h) Pursuant to 326 IAC 6-3-2, the PM from the one (1) belt sander, known as EU8, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(i) Pursuant to 326 IAC 6-3-2, the PM from the one (1) polisher, known as EU11, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(j) Pursuant to 326 IAC 6-3-2, the PM from the one (1) buffer, known as EU12, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(k) Pursuant to 326 IAC 6-3-2, the PM from the one (1) surface grinder, known as EU14, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(l) Pursuant to 326 IAC 6-3-2, the PM from the one (1) wire wheel, known as EU15, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(m) Pursuant to 326 IAC 6-3-2, the PM from the one (1) buffer, known as EU16, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(n) Pursuant to 326 IAC 6-3-2, the PM from the one (1) buffer, known as EU17, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(o) Pursuant to 326 IAC 6-3-2, the PM from the one (1) polisher, known as EU18, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 0.125 tons per hour.

(p) Pursuant to 326 IAC 6-3-2, the PM from the one (1) surface grinder, known as EU21, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(q) Pursuant to 326 IAC 6-3-2, the PM from each of the two (2) tool grinders, known as EU22 and EU23, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour, each.

(r) Pursuant to 326 IAC 6-3-2, the PM from the one (1) universal grinder, known as EU24, shall not exceed 1.70 pounds per hour when operating at a process weight rate of 0.269 tons per hour.

(s) Pursuant to 326 IAC 6-3-2, the PM from the one (1) tumblast, known as EU27, shall not exceed 4.55 pounds per hour when operating at a process weight rate of 1.17 tons per hour.

These limitations were based on the following equation:

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.1.2 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

The potential to emit PM after controls from the grinding and finishing operations in this section shall be limited to less than 3.94 pounds of PM per ton of metal throughput. This emission rate is achieved by maintaining an average overall capture and control efficiency of no less than seventy-seven percent (77%) at all equipment controlling the grinding and finishing operations, and result in a potential to emit of no more than 6.90 pounds per hour and 30.2 tons per year of PM from the total of all grinding and cleaning operations. Thus, the total potential to emit of the entire source is less than 100 tons per year, and 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

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

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for these emissions units and any control devices.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.1.4 Particulate Matter (PM)

(a) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the grinder, known as EU1, is in operation.

(b) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the belt grinder, known as EU2, is in operation.

(c) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the tumblast, known as EU3, is in operation.

(d) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the cut off saw, known as EU4, is in operation.

(e) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the belt sander, known as EU5, is in operation.

(f) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the grinder, known as EU6, is in operation.

(g) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the grinder, known as EU7, is in operation.

(h) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the belt sander, known as EU8, is in operation.

(i) The cyclone and baghouse, exhausting to stack 5, for PM control shall be in operation at all times when the one (1) polisher, known as EU11, is in operation.

(j) The cyclone and baghouse, exhausting to stack 5, for PM control shall be in operation at all times when the one (1) buffer, known as EU12, is in operation.

(k) The cyclone and baghouse, exhausting to stack 6, for PM control shall be in operation at all times when the one (1) surface grinder, known as EU14, is in operation.

(l) The cyclone and baghouse, exhausting to stack 6, for PM control shall be in operation at all times when the one (1) wire wheel, known as EU15, is in operation.

(m) The cyclone and baghouse, exhausting to stack 6, for PM control shall be in operation at all times when the one (1) buffer, known as EU16, is in operation.

(n) The cyclone and baghouse, exhausting to stack 6, for PM control shall be in operation at all times when the one (1) buffer, known as EU17, is in operation.

(o) The cyclone and baghouse, exhausting to stack 6, for PM control shall be in operation at all times when the one (1) polisher, known as EU18, is in operation.

(p) The cyclone, exhausting to stack 9, for PM control shall be in operation at all times when the one (1) surface grinder, known as EU21, is in operation.

(q) The cyclone, exhausting to stack 9, for PM control shall be in operation at all times when the two (2) tool grinders, known as EU22 and EU23, are in operation.

(r) The cyclone, exhausting to stack 9, for PM control shall be in operation at all times when the one (1) universal grinder, known as EU24, is in operation.

(s) The baghouse, exhausting to stack 1, for PM control shall be in operation at all times when the one (1) tumblast, known as EU27, is in operation.

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

D.1.5 Visible Emissions Notations

(a) Visible emission notations of the grinding and finishing stacks exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

D.1.6 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouses used in conjunction with the grinding and finishing, at least once per shift when the equipment exhausting to that baghouse is in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across the baghouses controlling the grinding and finishing equipment (EU1 through EU12 and EU14 through EU18) shall be maintained within the range of 0.5 and 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

D.1.7 Baghouse Inspections

An inspection shall be performed each calender quarter of all bags controlling the grinding and finishing when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.1.8 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

D.1.9 Cyclone Inspections

An inspection shall be performed each calender quarter of all cyclones controlling the grinding and finishing when venting to the atmosphere. A cyclone inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors.

D.1.10 Cyclone Failure Detection

In the event that bag failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.1.11 Record Keeping Requirements

(a) To document compliance with Condition D.1.5, the Permittee shall maintain records of visible emission notations of the grinding and finishing stacks exhausts once per shift.

(b) To document compliance with Condition D.1.6, the Permittee shall maintain the following:

(1) Once per shift records of the following operational parameters of the baghouses during normal operation when venting to the atmosphere:

(A) Inlet and outlet differential static pressure; and

(B) Cleaning cycle operation.

(2) Documentation of the dates vents are redirected.

(c) To document compliance with Conditions D.1.7 and D.1.9, the Permittee shall maintain records of the results of the inspections required under Conditions D.1.7 and D.1.9 and the dates the vents are redirected.

(d) 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:

(b) Sand handling operations with a maximum capacity of 20 tons of sand per hour, consisting of the following:

(1) One (1) sand mullor and sand screen, known as EU19, installed in 1982, each equipped with a baghouse for PM control and exhausted to stack 7.

(2) One (1) bucket elevator system for sand, known as EU38, installed in 1995, exhausted to stack 18.

(c) Core making operations with a maximum capacity of 0.34 tons of shell cores per hour and 0.25 tons of phenolic cured ester cores per hour, consisting of the following:

Two (2) core machines, known as EU20 and EU101, installed in 1988, exhausted to stack 8.

(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(1)]

D.2.1 Particulate Matter Limitations (PM) [326 IAC 6-3-2] [326 IAC 2-2]

(a) Pursuant to 326 IAC 6-3-2, the PM from the sand handling operations, known as EU19 and EU38, shall not exceed 30.5 pounds per hour when operating at a process weight rate of 20 tons per hour.

(b) Pursuant to 326 IAC 6-3-2, the PM from the two (2) core machines, known as EU20 and EU101, shall not exceed 2.88 pounds per hour, total, when operating at a process weight rate of 0.59 tons per hour, total.

The pounds per hour limitations were calculated with the following equation:

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

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

(c) Any change or modification that increases the potential to emit PM at the sand handling operations, known as EU19, to greater than 1.08 pounds per hour and/or increases the potential to emit at the total of the two (2) core machines, known as EU20 and EU101, to greater than 1.60 pounds per hour may cause the source to become subject to the requirements of 326 IAC 2-2, Prevention of Significant Deterioration, and prior approval shall be required. These limitations are equal to the potential to emit of each facility.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(d) One (1) paint booth, known as EU26, installed in 1970, equipped with dry filters as overspray control, exhausted to stack 10, average capacity: 7.9 brass fittings per hour.

(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(1)]

D.3.1 Volatile Organic Compounds (VOCs) [326 IAC 8-2-9]

The VOC input to the applicators at the one (1) paint booth, known as EU26, minus the VOC recovered, shall be limited to less than 15 pounds per day. Therefore, the requirements of 326 IAC 8-2-9 are not applicable.

D.3.2 Particulate Matter (PM) [326 IAC 6-3-2(c)]

The PM from the one (1) paint booth, known as EU26, shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.3.4 Volatile Organic Compounds (VOC)

Compliance with the VOC usage limitation contained in Condition D.3.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.3.5 VOC Emissions

Compliance with Condition D.3.1 shall be demonstrated within 30 days of the end of each day based on the total volatile organic compound usage the day.

D.3.6 Particulate Matter (PM)

The dry filters for PM control shall be in operation at all times when the one (1) paint booth is in operation.

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

D.3.7 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters during each day when the paint booth, EU26, is operated. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack (stack 10) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C -

Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

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

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.3.8 Record Keeping Requirements

(a) To document compliance with Condition D.3.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken daily and shall be complete and sufficient to establish compliance with the VOC usage limits and the VOC emission limits established in Condition D.3.1.

(1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) A log of the dates of use;

(3) The cleanup solvent usage for each day;

(4) The total VOC usage for each day; and

(5) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.3.6 and D.3.7, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.3.9 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(e) Melting operations with a maximum capacity of 2.50 tons of brass or aluminum per hour, consisting of the following:

(1) Three (3) induction melt furnaces known as EU29, EU30 and EU31, with EU29 and EU30 installed in 1985 and exhausting to a fume duct (known as EU34) and stack 14, and EU31 installed in 1987 and exhausting to a fume duct (known as EU35), with all emissions which are not exhausting to the fume ducts exhausted to stack 13, capacity: 2.25 tons per hour, each.

(2) Two (2) natural gas heated swing arm crucible furnaces, known as EU32 and EU33, each installed in 1988 and exhausting to a fume duct (known as EU36), with all emissions which are not exhausting to the fume duct exhausted to stack 13, capacity: 2.25 tons per hour, each.

(f) Pouring, cooling and shakeout operations, with a maximum capacity of 2.50 tons per hour, consisting of the following:

(1) One (1) Sinto casting line, known as EU37, installed in 1999, consisting of mold making, pouring, cooling, and shakeout operations, exhausting to stacks S20 and S17.

(2) One (1) Rollover casting line, consisting of mold making, pouring, cooling, and shakeout operations.

(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(1)]

D.4.1 Particulate Matter Limitations (PM) [326 IAC 6-2-3] [326 IAC 2-2]

(a) Pursuant to 326 IAC 6-3-2, the PM from the melt furnaces, known as EU29, EU30, EU31, EU32 and EU33, shall not exceed 7.58 pounds per hour when operating at a process weight rate of 2.5 tons per hour.

(b) Pursuant to 326 IAC 6-3-2, the PM from the pouring, cooling and shakeout operations shall not exceed 7.58 pounds per hour when operating at a process weight rate of 2.5 tons per hour.

These limitations are based on the following equations:

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

(c) Pursuant to Significant Source Modification 039-10941-00072, issued on July 8, 1999, any change or modification which results in an increase in PM emissions to 100 tons per year or more from the Sinto Line will cause that modification to be a major modification to an existing minor source pursuant to 326 IAC 2-2, Prevention of Significant Deterioration, and prior approval is required.

(d) Any change or modification that increases the potential to emit PM at the melting operations

to greater than 7.29 pounds per hour and/or increases the potential to emit at the total of the pouring, cooling and shakeout operations to greater than 5.78 pounds per hour may cause the source to become subject to the requirements of 326 IAC 2-2, Prevention of Significant Deterioration, and prior approval shall be required. These limitations are equal to the potential to emit of each facility.

D.4.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for these emissions units.

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

D.4.3 Visible Emissions Notations

(a) Visible emission notations of the melting and pouring, cooling and shakeout stacks (stack 13**,** S17 and S20) exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

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

D.4.4 Record Keeping Requirements

(a) To document compliance with Condition D.4.3, the Permittee shall maintain records of visible emission notations of the melting and pouring, cooling and shakeout stacks exhausts once per shift.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(g) One (1) internal combustion engine, known as Process 011 and EU104, installed in 1990, using natural gas as fuel, exhausted to stack 84, capacity: 3.26 million British thermal units per hour.

(h) Forty-eight (48) natural gas-fired unit heaters, total capacity: 8.93 million British thermal units per hour.

(i) One (1) lead forging bench area, known as EU39, installed in 1977, exhausted to stack 19, capacity: 10 hammer heads per month.

(j) One (1) arc welder, known as EU40, installed in 1969, exhausted to stack 20, capacity: 6 inches per minute.

(k) One (1) acetylene welder, known as EU41, installed in 1969, exhausted to stack 20, capacity: 2 inches per minute.

(l) One (1) acetylene torch/braze/operation, known as EU45, installed in 1969, exhausted to stack 24, capacity: 5 pieces per hour.

(m) The following woodworking operations, with an average capacity of 0.19 pound per hour:

(1) One (1) drill press

(2) One (1) band saw

(3) One (1) wood lathe

(4) One (1) wood planer

(5) One (1) disc sander for wood

(6) One (1) reciprocating sander for wood

(7) One (1) table saw for wood

(n) The following wet metalworking and machining operations:

(1) Seven (7) CNC vertical mills

(2) One (1) CNC horizontal mill

(3) Ten (10) CNC lathes

(4) Five (5) manual vertical mills

(5) Two (2) manual horizontal mills

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

Emissions Unit Description: (continued)

(6) Five (5) manual lathes

(7) One (1) cold cutoff saw

(8) One (1) abrasive cutoff saw

(9) One (1) surface grinder

(10) Three (3) grinders

(11) One (1) carbide grinder

(12) Ten (10) bench grinders

(13) Fifty (50) hand grinders

(14) Thirty-two (32) drill presses

(15) Four (4) band saws

(16) Thirteen (13) belt sanders

(17) Three (3) punch presses

(18) One (1) radial arm drill

(19) Five (5) multi-station chuckers

(20) One (1) shaper machine

(o) One (1) enclosed cabinet sandblast used for maintenance

(p) Five (5) lift trucks and one (1) skid loader operating on liquid propane gas.

(q) One (1) pipe threader used to apply threads to metal pieces, using a liquid lubricant.

(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(1)]

D.5.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3]

The particulate matter (PM) from the lead forging bench, arc welder, acetylene welder, acetylene torch/braze operation, woodworking operations, and cabinet sandblast shall each not exceed 0.551 pounds per hour when operating at a process weight rate of less than 100 pounds per hour.

SECTION D.6 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(r) One (1) assembly cold cleaning degreasing unit, known as EU42, installed in 1979, exhausted to stack 21, capacity: 80 gallons, degreasing 1 wire basket per hour and using 165 gallons of solvent per year.

(s) Four (4) small parts washers, installed in October 1988, containing remote solvent reservoirs, using 570 gallons of degreasing agent and recovering 521 gallons of degreasing agent per year.

(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(1)]

D.6.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of the one (1) assembly cold cleaning degreasing unit, existing as of July 1, 1990 in Elkhart County and not having a remote solvent reservoir, shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when the solvent used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of the one (1) assembly cold cleaning degreasing unit shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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

Monthly Report
(submitted quarterly)

Company Name: Elkhart Brass Manufacturing Company, Inc.
Location: 1302 W. Beardsley Avenue, Elkhart, Indiana 46515
Permit No.: MSOP 039-7635-00072
Source/Facility: One (1) paint booth, known as EU26
Parameter: VOC Usage
Limit: Less than 15 pounds per day

Month: _____ Year: _____

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
FAX NUMBER - 317 233-5967

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:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

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:	**Elkhart Brass Manufacturing Company, Inc.**
Address:	**1302 W. Beardsley Avenue**
City:	**Elkhart**
Phone #:	**(219) 295-8330**
MSOP #:	**039-7635-00072**

I hereby certify that Elkhart Brass Manufacturing Company, Inc. is
still in operation.
no longer in operation.

I hereby certify that Elkhart Brass Manufacturing Company, Inc is
in compliance with the requirements of MSOP **039-7635-00072**.
not in compliance with the requirements of MSOP **039-7635-00072**.

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: