

September 22, 2004

Certified Mail #9058 0358

Mr. Tim Biter
Operations Manager
H-A Industries, Division of A.M. Castle & Co.
4527 Columbia Avenue
Hammond, Indiana 46327

Re: NOC **089-19878**
Notice-only change to
089-12141-00248

Dear Mr. Biter:

H-A Industries, Division of A.M. Castle & Co. was issued a Minor Source Operation Permit (MSOP) and a local operation permit on January 26, 2004 for operation of a Metal Heat Treating Plant. A letter notifying the Hammond Department of Environmental Management (HDEM) and the Indiana Department of Environmental Management, Office of Air Quality (IDEM, OAQ) of a request for permit change, in regard to changes in 326 IAC 2-6 (Emission Reporting) was received on April 14, 2004. Revisions to 326 IAC 2-6 (Emission Reporting) became effective March 27, 2004. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

1. On page 2 of 24 of the MSOP, the Table of Contents has been modified as follows:

- C.16 ~~Annual~~ Emission Statement [326 IAC 2-6]
- C.17 **Annual Emission Inventory [Hammond Ordinance No. 7102]**
- C.17~~8~~ Monitoring Data Availability [326 IAC 2-6.1-2] [IC 13-14-1-3]
- C.1~~89~~ General Record Keeping Requirements [326 IAC 2-6.1-2]
- C.1~~920~~ General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]
- C.201 Annual Notification [326 IAC 2-6.1-5(a)(5)]

2. On April 15, 2004, the United States Environmental Protection Agency (U.S. EPA) named 23 Indiana counties and one partial county nonattainment for the new 8-hour ozone standard. The designations became effective on June 15, 2004. Lake County has been designated as nonattainment for the 8-hour ozone standard. Also PM10 is now designated as attainment. The following has been added to A.1 General Information.

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 metal heat treating plant.

Authorized Individual: Tim Biter, Operations Manager
Source Address: 4527 Columbia Avenue, Hammond, Indiana 46327
Mailing Address: 3400 North Wolf Road, Franklin Park, Illinois 60131
Phone Number: (219)931-6304
SIC Code: 3398 Metal Heat Treating

County Location: Lake County
County Status: Attainment/Unclassifiable for **PM10**, CO, and NO₂ and **Lead**,
Attainment for Pb,
Primary Nonattainment for SO₂,
~~Moderate Nonattainment for PM10, and~~
~~Severe Nonattainment for VOC (Ozone).~~
Nonattainment for ozone under the 8-hour standard, and
Nonattainment for ozone under the 1-hour standard
Source Status: Minor Source Operating Permit
Minor Source, under PSD, **Nonattainment NSR** and Emission Offset
Rules

3. This source which is located in Lake County is subject to 326 IAC 2-6 (Emission Reporting) because it has the potential to emit greater than 25 tons per year (tpy) of NO_x, and it may emit NO_x into the ambient air at levels equal to or greater than 25 tpy. In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted by July 1 if the source emits NO_x into the ambient air equal to or greater than 25 tons during the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

On pages 12 and 13 of 24 of the MSOP, Condition C.16 Annual Emission Statement has been modified to reflect the revisions made to 326 IAC 2-6 (Emission Reporting).

~~C.16 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
400 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~Hammond Department of Environmental Management
5925 Calumet Avenue—Room 304
Hammond, Indiana 46320~~

- ~~(e) 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 and HDEM 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.~~

C.16 Emission Statement [326 IAC 2-6]

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit an emission statement by July 1 following a calendar year when the source emits oxides of nitrogen into the ambient air equal to or greater than twenty – five (25) tons. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

The 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

and

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

The emission statement does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

- (b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and HDEM on or before the date it is due.
4. On page 13 of 24 of the MSOP, Condition C.17 Annual Emission Inventory has been added. For those years that the source is not required to submit an emission statement, the source will be required to submit an annual emission inventory per Hammond Ordinance No. 7102. This is a local requirement only.

C.17 Annual Emission Inventory [Hammond Ordinance No. 7102]

The Permittee shall submit an annual emission inventory containing production information/fuel usage for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

**Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320**

This inventory does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

On pages 13 through 15 of 24 of the MSOP, Conditions C.17 Monitoring Data Availability, C.18 General Record Keeping Requirements, C.19 General Reporting Requirements and C.20 Annual Notification have been renumbered accordingly.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact our Department at (219) 853-6306.

Sincerely,

Debra Malone, Chief Engineer
Hammond Department of Environmental Management

cc: Mindy Hahn, Permits Administration, IDEM, OAQ

MINOR SOURCE OPERATING PERMIT (MSOP)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

and

HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

H-A Industries, Division of A.M. Castle & Co.
4527 Columbia Avenue
Hammond, Indiana 46327

(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 089-12141-00248	
Issued by: Ronald L. Novak, Director Hammond Department of Environmental Management Air Pollution Control Division	Issuance Date: <u>January 26, 2004</u> Expiration Date: <u>December 31, 2004</u>
Notice-only No.: 089-19878-00248	Pages Affected: 2, 5, 12 through 15
Issued by: _____ Ronald L. Novak, Director Hammond Department of Environmental Management Air Pollution Control Division	Issuance Date: <u>September 22, 2004</u>

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SECTION A

SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary metal heat treating plant.

Authorized Individual: Tim Biter, Operations Manager
Source Address: 4527 Columbia Avenue, Hammond, Indiana 46327
Mailing Address: 3400 North Wolf Road, Franklin Park, Illinois 60131
Phone Number: (219)931-6304
SIC Code: 3398 Metal Heat Treating
County Location: Lake County
County Status: Attainment/Unclassifiable for PM10, CO, NO₂ and Lead,
Primary Nonattainment for SO₂,
Nonattainment for ozone under the 8-hour standard, and
Nonattainment for ozone under the 1-hour standard
Source Status: Minor Source Operating Permit
Minor Source, under PSD, Nonattainment NSR and Emission Offset Rules

A.2 Emissions units and Pollution Control Equipment Summary

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

- (a) One (1) Austenitizing Furnace with eight (8) zones, identified as QT1, with a combined maximum design capacity of 18.53 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S1, S2, and S4, identified as QT1-01, QT1-02, and QT1-03.
- (b) One (1) Tempering Furnace with seven (7) zones, identified as QT1, with a combined maximum design capacity of 13.05 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S8, S9, and S10, identified as QT1-04, QT1-05, and QT1-06.
- (c) One (1) Annealing Furnace No. 1 with ten (10) zones, identified as ANN1, with a combined maximum design capacity of 16 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S3 and S5-S7, identified as ANN1-01, ANN1-02, ANN1-03, and ANN1-04.
- (d) One (1) Annealing Furnace No. 2 with nine (9) zones, identified as ANN2, with a combined maximum design capacity of 13.8 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at eight (8) stacks S11-S13, S15-S17, S19, and S20, identified as ANN2-01, ANN2-02, ANN2-03, ANN2-04, ANN2-05, ANN2-06, ANN2-07, and ANN2-08.
- (e) One Heat Treat Line Hardening Furnace with three (3) zones, identified as QT2, with a combined maximum design capacity of 11.3 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at one (1) stack S14, identified as QT2-01.

- (f) One Heat Treat Line Tempering Furnace with three (3) zones, identified as QT2, with a combined maximum design capacity of 9 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at one (1) stack S18, identified as QT2-02.

A.3 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is not required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is not an affected source under Title IV (Acid Deposition Control) of the Clean Air Act, as defined in 326 IAC 2-7-1(3);
- (b) It is a major source, as defined in 326 IAC 2-7-1(22);
- (c) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

H-A Industries, Division of A.M. Castle & Co. is considered a major source for Nitrogen Oxides (NO_x) (>25 TPY, Lake & Porter Counties), however, the source is currently exempt from the requirements of the Title V Operation Permits program due to the NO_x requirement waiver (Section 182(f) of the Clean Air Act) which increased the major stationary source threshold level for Nitrogen Oxides NO_x in severe ozone nonattainment areas (Lake and Porter) as defined in 326 IAC 2-7-1(22)(C)(i)(CC) from 25 tons per year to 100 tons per year.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

- (a) The total source potential to emit of CO, NO_x (as itself, not as an ozone precursor), and Pb is less than 250 tons per year, 250 tons per year, and 25 tons per year, respectively. Therefore 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 of CO to 250 tons per year, NO_x to 250 tons per year, or Pb to 25 tons per year, respectively, 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 and HDEM prior to making the change.

C.2 Emission Offset Minor Source Status [326 IAC 2-3]

- (a) The total source potential to emit of PM-10 and SO₂ is less than 100 tons per year. Therefore, the requirements of 326 IAC 2-3 (Emission Offset) will not apply.
- (b) The total source potential to emit of VOC is less than 25 tons per year. Therefore, the requirements of 326 IAC 2-3 (Emission Offset) will not apply.
- (c) Any change or modification which may increase potential to emit of PM-10 or SO₂ to 100 tons per year, from the equipment covered in this permit, shall require an Emission Offset pursuant to 326 IAC 2-3, before such change may occur.
- (d) Any change or modification which may increase potential to emit of VOC to 25 tons per year, from the equipment covered in this permit, shall require an Emission Offset pursuant to 326 IAC 2-3, before such change may occur.
- (e) Any change or modification which may increase potential to emit of VOC to 25 tons per year, 10 tons per year of any single hazardous air pollutant, 25 tons per year of any combination of hazardous air pollutants, or 100 tons per year of any other regulated pollutant 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 and HDEM 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 and HDEM upon request and shall be subject to review and approval by IDEM-OAQ and HDEM. IDEM-OAQ and HDEM 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

and

Hammond Department of Environmental Management
5925 Calumet Avenue – Room 304
Hammond, Indiana 46320

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 and HDEM 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, HDEM, 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) Have access to and copy, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;
- (c) Inspect, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (d) 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 and HDEM, 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 and HDEM 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 and HDEM, 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 twenty percent (20%) 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 6-1-11.1]

The Permittee shall be in violation of 326 IAC 6-1-11.1 (Lake County Fugitive Particulate Matter Control Requirements), if the opacity of fugitive particulate emissions exceeds ten percent (10%).

Testing Requirements

C.10 Performance Testing [326 IAC 3-6]

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

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

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

and

Hammond Department of Environmental Management
5925 Calumet Avenue – Room 304
Hammond, Indiana 46320

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 addresses so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM-OAQ and HDEM within forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM-OAQ and HDEM, if the source submits to IDEM-OAQ and HDEM, 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.11 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.12 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.13 Pressure Gauge Specifications [326 IAC 2-1.1-11]

Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale.

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 corrective actions. The Permittee shall submit a description of these corrective actions to IDEM-OAQ and HDEM, 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 or HDEM 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 and HDEM within thirty (30) days of receipt of the notice of deficiency. IDEM-OAQ and HDEM 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 and HDEM that retesting in one-hundred and twenty (120) days is not practicable, IDEM-OAQ and HDEM 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 require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

Record Keeping and Reporting Requirements

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 and HDEM, 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 Emission Statement [326 IAC 2-6]

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit an emission statement by July 1 following a calendar year when the source emits oxides of nitrogen into the ambient air equal to or greater than twenty – five (25) tons. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

The 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

and

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

The emission statement does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

C.17 Annual Emission Inventory [Hammond Ordinance No. 7102]

The Permittee shall submit an annual emission inventory containing production information/fuel usage for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

This inventory does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.18 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 and HDEM 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.19 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 or HDEM representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or HDEM makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or HDEM 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.20 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Any 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

and

Hammond Department of Environmental Management
5925 Calumet Avenue – Room 304
Hammond, Indiana 46320

- (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 and HDEM on or before the date it is due.
- (c) 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 and HDEM 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 April 15 of each year to:

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

and

Hammond Department of Environmental Management
5925 Calumet Avenue – Room 304
Hammond, Indiana 46320

- (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 and HDEM on or before the date it is due.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One (1) Austenitizing Furnace with eight (8) zones, identified as QT1, with a combined maximum design capacity of 18.53 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S1, S2, and S4, identified as QT1-01, QT1-02, and QT1-03.

Emission Limitations and Standards

D.1.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

D.1.2 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 this emissions unit and any control device.

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

D.1.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.1.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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 and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One (1) Tempering Furnace with seven (7) zones, identified as QT1, with a combined maximum design capacity of 13.05 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S8, S9, and S10, identified as QT1-04, QT1-05, and QT1-06.

Emission Limitations and Standards

D.2.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

D.2.2 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 this emissions unit and any control device.

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

D.2.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.2.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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

D.2.5 Record Keeping and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One (1) Annealing Furnace No. 1 with ten (10) zones, identified as ANN1, with a combined maximum design capacity of 16 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at three (3) stacks S3 and S5-S7, identified as ANN1-01, ANN1-02, ANN1-03, and ANN1-04.

Emission Limitations and Standards

D.3.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

D.3.2 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 this emissions unit and any control device.

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

D.3.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.3.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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

D.3.5 Record Keeping and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One (1) Annealing Furnace No. 2 with nine (9) zones, identified as ANN2, with a combined maximum design capacity of 13.8 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at eight (8) stacks S11-S13, S15-S17, S19, and S20, identified as ANN2-01, ANN2-02, ANN2-03, ANN2-04, ANN2-05, ANN2-06, ANN2-07, and ANN2-08.

Emission Limitations and Standards

D.4.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

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 this emissions unit and any control device.

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

D.4.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.4.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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

D.4.5 Record Keeping and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

SECTION D.5 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One Heat Treat Line Hardening Furnace with three (3) zones, identified as QT2, with a combined maximum design capacity of 11.3 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at one (1) stack S14, identified as QT2-01.

Emission Limitations and Standards

D.5.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

D.5.2 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 this emissions unit and any control device.

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

D.5.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.5.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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

D.5.5 Record Keeping and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

SECTION D.6 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description

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

One Heat Treat Line Tempering Furnace with three (3) zones, identified as QT2, with a combined maximum design capacity of 9 MMBtu/hr heat input, natural gas-fired, using no control equipment and exhausting at one (1) stack S18, identified as QT2-02.

Emission Limitations and Standards

D.6.1 Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO)

Emissions from the combustion of natural gas are governed by the Hammond Air Quality Control Ordinance No. 3522 (as amended) for the following pollutants: Particulate Matter (PM), Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), Volatile Organic Compound (VOC), and Carbon Monoxide (CO).

D.6.2 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 this emissions unit and any control device.

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

D.6.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM or HDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM or HDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.6.4 Compliance Monitoring

There are no compliance monitoring requirements applicable to this insignificant facility.

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

D.6.5 Record Keeping and Reporting Requirements

There are no record keeping or reporting requirements for this facility.

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

**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:	H-A Industries, Division of A.M. Castle & Co.
Address:	4527 Columbia Avenue
City:	Hammond, Indiana 46327
Phone #:	(219)931-6304
MSOP #:	089-12141-00248

I hereby certify that **H-A Industries, Division of A.M. Castle & Co.** is still in operation.
 no longer in operation.

I hereby certify that **H-A Industries, Division of A.M. Castle & Co.** is in compliance with the requirements of **MSOP 089-12141-00248**.
 not in compliance with the requirements of **MSOP 089-12141-00248**.

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)233-5967
HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
FAX NUMBER – (219)853-6343**

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

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

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

**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:
