INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: March 8, 2010

RE: American Art and Clay Company / 097-28923-00514

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

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot12/3/07

IDEM

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

March 8, 2010

Richard Pulsifer
American Art and Clay Company, Inc.
6060 N Guion Road
Indianapolis, IN 46254

Re: 097-28923-00514
Third Administrative Amendment to
F097-26238-00514

Dear Mr. Pulsifer:

American Art and Clay Company, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) Renewal No. F097-26238-00514 on August 18, 2008, for a stationary source manufacturing clay and assembling kilns and potter's wheels, located at 6060 N Guion Road, Indianapolis, IN 46254. On January 28, 2010, the Office of Air Quality (OAQ) received an application from the source for the changes listed in the attached Technical Support Document (TSD). Pursuant to the provisions of 326 IAC 2-8-10, the permit is hereby administratively amended as described in the attached Technical Support Document (TSD).

All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

A copy of the permit is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Bruce Farrar, of my staff, at 317-234-5401 or 1-800-451-6027, and ask for extension 4-5401.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

Attachments: Updated Permit

IC/bf

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

Federally Enforceable State Operating Permit
OFFICE OF AIR QUALITY

American Art Clay Company, Inc.
6060 North Guion Road
Indianapolis, Indiana 46254

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

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F097-26238-00514	
Issued by: ORIGINAL SIGNED BY Timothy J. Method Environmental Coordinator Department of Public Works	Issuance Date: August 13, 2008 Expiration Date: August 13, 2018

First Administrative Amendment No.: F097-27194-00514, issued December 30, 2008
Second Administrative Amendment No.: F097-28225-00514, issued July 15, 2009

Third Administrative Amendment No.: F097-28923-00514	
Issued by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: March 8, 2010 Expiration Date: August 13, 2018

TABLE OF CONTENTS

A. SOURCE SUMMARY 5

A.1 General Information [326 IAC 2-8-3(b)]
A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]
A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]
A.4 FESOP Applicability [326 IAC 2-8-2]

B. GENERAL CONDITIONS 9

B.1 Definitions [326 IAC 2-8-1]
B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]
B.3 Term of Conditions [326 IAC 2-1.1-9.5]
B.4 Enforceability [326 IAC 2-8-6]
B.5 Severability [326 IAC 2-8-4(4)]
B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]
B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]
B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]
B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]
B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]
B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]
B.12 Emergency Provisions [326 IAC 2-8-12]
B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]
B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]
B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]
B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]
B.17 Permit Renewal [326 IAC 2-8-3(h)]
B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]
B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]
B.20 Source Modification Requirement [326 IAC 2-8-11.1]
B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2] [IC 13-30-3-1]
B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]
B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16] [326 IAC 2-1.1-7]
B.24 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]
B.25 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

C. SOURCE OPERATION CONDITIONS 18

Emission Limitations and Standards [326 IAC 2-8-4(1)]
C.1 Overall Source Limit [326 IAC 2-8]
C.2 Opacity [326 IAC 5-1]
C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
C.5 Fugitive Dust Emissions [326 IAC 6-4]
C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

Testing Requirements [326 IAC 2-8-4(3)]
C.7 Performance Testing [326 IAC 3-6]

Compliance Requirements [326 IAC 2-1.1-11]
C.8 Compliance Requirements [326 IAC 2-1.1-11]

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]
C.9 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]
C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]
C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)] [326 IAC 2-8-5(1)]

Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]
C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
C.13 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]
C.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]
C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]
C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]
C.17 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

Stratospheric Ozone Protection
C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 EMISSIONS UNIT OPERATION CONDITIONS 25

Emission Limitations and Standards [326 IAC 2-8-4(1)]
D.1.1 PM10 FESOPLimit [326 IAC 2-8]
D.1.2 Non-attainment New Source Review Limit [326 IAC 2-1.1-5]
D.1.3 Particulate Matter (PM) Limitations [326 IAC 6.5]
D.1.4 Preventive Maintenance Plan

Compliance Determination Requirements
D.1.5 Particulate Matter (PM)

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]
D.1.6 Visible Emissions Notations
D.1.7 Parametric Monitoring
D.1.8 Broken or Failed Bag Detection

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]
D.1.9 Record Keeping Requirement

D.2 EMISSIONS UNIT OPERATION CONDITIONS 29

Emission Limitations and Standards [326 IAC 2-8-4(1)]
D.2.1 Particulate Matter (PM) Limitations [326 IAC 6.5]
D.2.2 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]
D.2.3 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]
D.2.4 Preventive Maintenance Plan

Compliance Determination Requirements
D.2.5 Particulate Matter (PM)
D.2.6 Volatile Organic Compounds [326 IAC 8-1-2][326 8-1-4]

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]
D.2.7 Monitoring

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]
D.2.8 Record Keeping Requirement
D.2.0 Reporting Requirement

D.3 EMISSIONS UNIT OPERATION CONDITIONS 32

Emission Limitations and Standards [326 IAC 2-8-4(1)]
D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]
D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]
D.3.3 Particulate Matter (PM) Limitations [326 IAC 6.5]
D.3.4 Particulate Matter (PM) Limitations [326 IAC 6.5-1-2(b)(3)]

Compliance Determination Requirements
D.3.5 Particulate Matter (PM)

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]
D.3.6 Broken or Failed Bag Detection

Certification Form 36
Monthly Report(s) 37
Emergency Occurrence Form 38
Quarterly Deviation and Compliance Monitoring Report Form 40

SECTION A SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary source manufacturing clay and assembling kilns and potter's wheels.

Source Address:	6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address:	6060 North Guion Road, Indianapolis, Indiana 46254
General Source Phone Number:	(317) 244-6871
SIC Code:	3269, 3479 & 3499
County Location:	Marion
Source Location Status:	Nonattainment for PM2.5 standard Attainment for all other criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

Clay Mixing and Fire Brick Cutting

Crude Clay Department:

(a) One (1) clay mixing area identified as EU-03a, constructed in 2004, with a maximum capacity of 87,600 tons of dry crude clay per year, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21, and comprised of the following:

(1) Two (2) mixer-extruders; and

(2) One (1) crude clay bagger.

(b) One (1) five (5) pound crude clay bag fed mixer, identified as EU-03b (formerly part of EU-01) and mixing red clay, constructed in 2004, with a maximum capacity of 3,548 tons of clay per year; with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21.

(c) One (1) five (5) pound crude clay bag fed mixer, identified as EU-03c and mixing white clay, constructed in 2004, with a maximum capacity of 3,548 tons of clay per year, installed in 2004, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21.

(d) Eight (8) crude clay storage silos, identified as EU-12, constructed in 2004, with a maximum capacity of 175,200 tons per year of crude clay, with particulate emissions controlled by five (5) vent filters, identified as IP-2 through IP-5 and IP-12 and exhausting through stacks S-5 through S-8 and S-25.

(e) Three (3) in-use silos, identified as EU-13, constructed in 2004, with a maximum capacity of 87,600 tons per year of clay, with particulate emissions controlled by three (3) vent filters, identified as IP-7, IP-8, and IP-9 and exhausting through stacks S-10, S-11 and S-22.

(f) One (1) scale/pneumatic blender system, identified as IA-12, constructed in 2004, with a maximum capacity of 87,600 tons per year of crude clay, with particulate emissions controlled by three (3) vent filters, identified as IP-6, IP-10 and IP-11, and exhausting through stacks S-9, S-23 and S-24.

Kiln Department:

(g) One (1) fire brick cutting operation, identified as EU-06, constructed in 2004 and modified in 2007, with a maximum capacity of 100 pounds of fire brick per hour, with particulate emissions controlled by one (1) baghouse, identified as CE-4, exhausting to stack S-12, and comprised of the following:

(1) Five (5) fire brick cutters;

(2) One (1) CNC fire brick router;

(3) Two (2) fire brick shapers; and

(4) One (1) fire brick sander.

Surface Coating

(h) One (1) kiln paint booth, identified as EU-07, constructed in 2004, with a maximum usage of 1.47 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-5, exhausting to stack S-13.

(i) One (1) Brent paint booth, identified as EU-08, constructed in 2004, with a maximum usage of 4.32 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-6, exhausting to stack S-14.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

Crude Clay Department:

(a) One (1) mixing operation, identified as EU-04, comprised of one (1) sack dump blender, constructed in 2004, with a maximum capacity of 1,500 tons per year of dry clay, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21. [326 IAC 2-8][326 IAC 6.5-1-2]

(b) One (1) mixing operation, identified as EU-04d, comprised of one (1) sack dump blender, receiving approval to construct in 2008, with a maximum capacity of 300 pounds per hour of dry clay, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21. [326 IAC 2-8][326 IAC 6.5-1-2]

Other Insignificant Activities:

(c) Natural gas-fired combustion sources with a heat input capacity of less than ten million (10,000,000) British thermal units per hour: [326 IAC 6.5]

(1) One (1) Weil natural gas-fired boiler, identified as EU-11, with a maximum capacity of 1.15 million British thermal units per hour, exhausting to stack S-17; and

(2) Fifteen space heaters, identified as IA-11, one with a capacity of 2.5 MMBtu/hr, two with a capacity of 0.75 MMBtu/hr and twelve with a capacity of 0.15 MMBtu/hr and all burning only natural gas.

(d) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment:

(1) One (1) welding operation, identified as IA-8, with a maximum capacity of 1,621 tons of steel per year and 6 tons of welding wire per year, exhausting to general ventilation. [326 IAC 6.5-1-2]

(e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations:

(1) One (1) woodworking operation, identified as IA-7, with a maximum capacity of 136 tons per year, exhausting through dust collectors to general ventilation. [326 IAC 6.5-1-2]

(f) Emission units with PM and PM-10 emissions less than five (5) tons per year, SO_2, NO_X, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

(1) Four (4) unleaded glaze mixers in one area identified as EU-01b, with a combined maximum capacity of 3,200 tons of unleaded glaze per year, with particulate emissions controlled by one (1) baghouse identified as CE-1, exhausting to stack S-1; [326 IAC 6.5-1-2]

(2) One (1) Sculpt-a-Mold batch mixer, identified as EU-05, receiving approval to construct in 2003, with a maximum capacity of 915 tons of paper mache powder per year, controlled by one (1) cyclone/bagfilter and exhausting internally; [326 IAC 6.5-1-2]

(3) One (1) creastone mixing process, identified as IA-2, with a maximum capacity of 534 tons of creastone per year, controlled by one (1) baghouse identified as CE-3, and exhausting to stack S-3; [326 IAC 6.5-1-2]

(4) Two (2) wet mixers, identified as IA-3a and IA-3b, with a maximum capacity of 324 tons per year of chrysler clay or a capacity of 83 tons per year of floral clay, controlled by two (2) baghouses, identified as CE-8a and CE-8b and exhausting to general ventilation; [326 IAC 6.5-1-2]

(5) One (1) modeling dough mixing operation, identified as IA-4, with a maximum capacity of 131 tons of flour and salt per year, exhausting to general ventilation; [326 IAC 6.5-1-2]

(6) One (1) miscellaneous dry materials repackaging operation, identified as IA-5, with a maximum capacity of 110 tons per year of powder glaze, exhausting to stack S-20; [326 IAC 6.5-1-2]

(7) One (1) Rub-N-Buff solvent mixing operation, identified as IA-9, with a maximum capacity of 84 tons per year of solvent and varnish, exhausting to general ventilation;

(8) One (1) Brush-N-Leaf solvent mixing operation, identified as IA-9, with a maximum capacity of 13 tons per year of solvent, exhausting to general ventilation; and

(g) Filling drums, pails, or other packaging containers with lubricating oils, waxes, and greases.

(h) Water based adhesives that are less than or equal to 5% by volume of VOC, excluding HAPs.

(i) Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other filtration equipment.

(j) Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling towers.

(k) Filter or coalescer media changeout.

(l) A laboratory as defined in 326 IAC 2-7-1(21)(D).

(m) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

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

(o) One (1) sand blasting cabinet, controlled by a dust collector with a flow rate of 100 cubic feet per minute, 90% control efficiency, and a grain loading rate less than 0.03 grains per dry standard cubic foot, exhausting inside the building [326 IAC 6.5-1-2].

(p) One (1) touch-up process for the Brent pottery wheels, identified as EU-08a, constructed in 2004, with a maximum usage of one 12-ounce aerosol paint can per hour, exhausting to general ventilation.

(q) One (1) Nakamura Model TMC4 TOME CNC lathe for metal parts, approved for construction in 2010, with a maximum capability of 50 parts per hour and a maximum usage of ten (10) gallons of coolant per year, using no control device and exhausting to general ventilation.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

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

B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

(a) This permit, F097-26238-00514, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-8-6]

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

B.5 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

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

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

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

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

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

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

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

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

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-8-12]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

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

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report. Any emergencies that have been previously reported pursuant to paragraph (b)(5) of this condition and certified by an "authorized individual" need only referenced by the date of the original report.

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

(a) All terms and conditions of permits established prior to F097-26238-00514 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

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

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

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

(1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

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

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

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

(3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).

(b) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

(c) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.

(d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.20 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-17-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16] [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]

(a) The requirements to obtain a permit modification under 326 IAC 2-8-11.1 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.

(b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.25 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C **SOURCE OPERATION CONDITIONS**

Entire Source

Emission Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) The potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) not applicable.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may

open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

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

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

C.5 Fugitive Dust Emissions [326 IAC 6-4]

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

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

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

Testing Requirements [326 IAC 2-8-4(3)]

C.7 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

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

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.9 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

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

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

(b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

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

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

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on July 11, 2008.

(b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

(a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records; and/or

(3) inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

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

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.17 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Clay Mixing and Fire Brick Cutting

Crude Clay Department:

(a) One (1) clay mixing area identified as EU-03a, constructed in 2004, with a maximum capacity of 87,600 tons of dry crude clay per year, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21, and comprised of the following:

(1) Two (2) mixer-extruders; and

(2) One (1) crude clay bagger.

(b) One (1) five (5) pound crude clay bag fed mixer, identified as EU-03b (formerly part of EU-01) and mixing red clay, constructed in 2004, with a maximum capacity of 3,548 tons of clay per year; with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21.

(c) One (1) five (5) pound crude clay bag fed mixer, identified as EU-03c and mixing white clay, constructed in 2004, with a maximum capacity of 3,548 tons of clay per year, installed in 2004, with particulate emissions controlled by one (1) baghouse, identified as CE-9, exhausting to stack S-21.

(d) Eight (8) crude clay storage silos, identified as EU-12, constructed in 2004, with a maximum capacity of 175,200 tons per year of crude clay, with particulate emissions controlled by five (5) vent filters, identified as IP-2 through IP-5 and IP-12 and exhausting through stacks S-5 through S-8 and S-25.

(e) Three (3) in-use silos, identified as EU-13, constructed in 2004, with a maximum capacity of 87,600 tons per year of clay, with particulate emissions controlled by three (3) vent filters, identified as IP-7, IP-8, and IP-9 and exhausting through stacks S-10, S-11 and S-22.

(f) One (1) scale/pneumatic blender system, identified as IA-12, constructed in 2004, with a maximum capacity of 87,600 tons per year of crude clay, with particulate emissions controlled by three (3) vent filters, identified as IP-6, IP-10 and IP-11, and exhausting through stacks S-9, S-23 and S-24.

Kiln Department:

(g) One (1) fire brick cutting operation, identified as EU-06, constructed in 2004 and modified in 2007, with a maximum capacity of 100 pounds of fire brick per hour, with particulate emissions controlled by one (1) baghouse, identified as CE-4, exhausting to stack S-12, and comprised of the following:

(1) Five (5) fire brick cutters;

(2) One (1) CNC fire brick router;

(3) Two (2) fire brick shapers; and

(4) One (1) fire brick sander.

(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 2-8-4(1)]

D.1.1 PM10 FESOP Limit [326 IAC 2-8]

(a) Pursuant to 326 IAC 2-8, combined total PM10 emissions from the Crude Clay Department, EU-03a, EU-03b, EU-03c, EU-04 and EU-04d, which exhaust through stack S-21, shall not exceed 1.94 pounds per hour.

(b) Pursuant to 326 IAC 2-8, PM10 emissions from the fire brick cutting operation, EU-06, which exhaust through S-12, shall not exceed 1.94 pounds per hour.

Compliance with these limits combined with the potential to emit from all other emission units at this source limit the source wide combined total PM10 emissions to less than one hundred (100) tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this FESOP limit renders the requirements of 326 IAC 2-7 (Part 70 Permit Program) not applicable.

D.1.2 PM2.5 Non-attainment New Source Review Limit [326 IAC 2-1.1-5]

(a) Pursuant to 326 IAC 2-1.1-5, the combined total PM2.5 emissions from the Crude Clay Department, EU-03a, EU-03b, EU-03c, EU-04 and EU-04d, which exhaust through stack S-21, shall not exceed 1.94 pounds per hour.

(b) Pursuant to 326 IAC 2-1.1-5, PM2.5 emissions from the fire brick cutting operation, EU-06, which exhaust through S-12, shall not exceed 1.94 pounds per hour.

Compliance with these limits, combined with the potential to emit from all other emission units at this source, will limit the source wide combined total PM2.5 emissions to less than one hundred (100) tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this limit renders the requirements of 326 IAC 2-1.1-5 (Non-attainment New Source Review) not applicable.

D.1.3 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from emission unit EU-03a, EU-03b, EU-03c, EU-12, EU-13, IA-12, EU-06, EU-04 and EU-04d shall each not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.1.5 Particulate Matter (PM)

In order to comply with Conditions D.1.1, D.1.2 and D.1.3, the baghouses for particulate matter (PM), PM10 and PM2.5 control in EU-03a, EU-03b, EU-03c, EU-12, EU-13, IA-12, EU-06, EU-04 and EU-04d shall be in operation at all times emission units EU-03a, EU-03b, EU-03c, EU-12, EU-13, IA-12, EU-06, EU-04 and EU-04d are in operation.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.1.6 Visible Emissions Notations

(a) Once per day visible emission notations of the Crude Clay Department baghouse stack exhaust, S-21, and the fire brick cutting baghouse stack exhaust, S-12, shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C – Response to Excursions and Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions and Exceedances, shall be considered a deviation from this permit.

D.1.7 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouses used in conjunction with EU-03a, EU-03b, EU-03c, EU-04, EU-04d and EU-06 at least once per day when EU-03a, EU-03b, EU-03c, EU-04, EU-04d and EU-06 are in operation and as stated below:

(a) For the Crude Clay Department baghouse, CE-9, (EU-03a, EU-03b, EU-03c, EU-04 and EU-04d), the pressure drop across the baghouse should be in the normal manufacturer range of 2.5 to 4.1 inches of water or a range established during the latest stack test. When for any one reading the pressure drop across the baghouse is outside the "normal" range of operation, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions and Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions and Exceedances, shall be considered a deviation from the permit.

(b) For the Kiln Department baghouse, CE-4 (EU-06), the pressure drop across the baghouse should be in the normal manufacturer range of 2 to 4 inches of water or a range established during the latest stack test. When for any one reading the pressure drop across the baghouse is outside the "normal" range of operation, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions and Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions and Exceedances, shall be considered a deviation from the permit.

D.1.8 Broken or Failed Bag Detection

(a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has 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).

(a) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emission unit. 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).

Bag failure can be indicated by a significant drop in the baghouse's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.1.9 Record Keeping Requirement

(a) To document compliance with Condition D.1.6, the Permittee shall maintain daily records of visible emission notations of S-21 and S-12 stack exhausts. The Permittee shall include in its daily records when a visible emission notation is not taken and the reason for the lack of visible emission notation (i.e. the process did not operate that day).

(b) To document compliance with Condition D.1.7, the Permittee shall maintain daily records of the total static pressure drop across the baghouses identified in Condition D.1.7. The Permittee shall include in its daily records when a static pressure drop notation is not taken and the reason for the lack of static pressure drop notation (i.e. the process did not operate that day).

(c) 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:

Surface Coating

(h) One (1) kiln paint booth, identified as EU-07, constructed in 2004, with a maximum usage of 1.47 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-5, exhausting to stack S-13.

(i) One (1) Brent paint booth, identified as EU-08, constructed in 2004, with a maximum usage of 4.32 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-6, exhausting to stack S-14.

(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 2-8-4(1)]

D.2.1 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from emission unit EU-07 and EU-08 shall each not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.2.2 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, (Surface Coating Emission Limitations: Miscellaneous Metal Coating Operations), the Permittee shall not cause or allow the discharge into the atmosphere of any volatile organic compounds (VOC) from emission unit EU-08 in excess of three and five tenths (3.5) pounds of VOC per gallon of coating, excluding water, as delivered to the applicator. All solvents sprayed from the application equipment in emission unit EU-08 during cleanup or color changes shall de directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.2.3 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]

The actual VOC emissions in the kiln paint booth, identified as EU-07, shall each be less than fifteen (15) pounds per day such that 326 IAC 8-2-9 (Surface Coating Emission Limitations: Miscellaneous Metal Coating Operations) does not apply.

D.2.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.2.5 Particulate Matter (PM)

In order to comply with Condition D.2.1, the dry filters for particulate matter (PM) control shall be in operation at all times emission unit EU-07 and EU-08 are in operation.

D.2.6 Volatile Organic Compounds [326 IAC 8-1-2][326 8-1-4]

Compliance with the VOC content and actual VOC daily emission rate in Conditions D.2.2 and D.2.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data

sheets. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.2.7 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the dry filters in EU-07 and EU-08. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks S-13 and S-14 while EU-07 and EU-08 are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C – Response to Exceedances. Failure to take response steps in accordance with Section C – Response to Exceedances shall be considered a deviation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from stacks S-13 and S-14 and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emission, or evidence of overspray emission is observed, the Permittee, shall take reasonable response steps in accordance with Section C – Response to Exceedances. Failure to take response steps in accordance with Section C – Response to Exceedances shall be considered a deviation of this permit.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.2.8 Record Keeping Requirements

(a) To document compliance with Conditions D.2.2, D.2.3, and D.2.6, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with Conditions D.2.2, D.2.3 and D.2.6.

(1) The VOC content of each coating material and solvent used less water for EU-07 and EU-08.

(2) The amount of coating material and solvent used on daily basis for EU-07 and EU-08.

(A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(3) The daily cleanup solvent usage for EU-07; and

(4) The weight of VOC emitted each day for EU-07.

(b) To document compliance with Condition D.2.7, the Permittee shall maintain a log of weekly overspray observations, and daily and monthly inspections.

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

D.2.9 Reporting Requirement

A quarterly summary of the information to document compliance with Condition D.2.3 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. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Insignificant Activities

(c) Natural gas-fired combustion sources with a heat input capacity of less than ten million (10,000,000) British thermal units per hour: [326 IAC 6.5]

(1) One (1) Weil natural gas-fired boiler, identified as EU-11, with a maximum capacity of 1.15 million British thermal units per hour, exhausting to stack S-17; and

(2) Fifteen space heaters, identified as IA-11, one with a capacity of 2.5 MMBtu/hr, two with a capacity of 0.75 MMBtu/hr and twelve with a capacity of 0.15 MMBtu/hr and all burning only natural gas.

(d) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment:

(1) One (1) welding operation, identified as IA-8, with a maximum capacity of 1,621 tons of steel per year and 6 tons of welding wire per year, exhausting to general ventilation. [326 IAC 6.5-1-2]

(e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations:

(1) One (1) woodworking operation, identified as IA-7, with a maximum capacity of 136 tons per year, exhausting through dust collectors to general ventilation. [326 IAC 6.5-1-2]

(f) Emission units with PM and PM-10 emissions less than five (5) tons per year, SO_2, NO_X, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

(1) Four (4) unleaded glaze mixers in one area identified as EU-01b, with a combined maximum capacity of 3,200 tons of unleaded glaze per year, with particulate emissions controlled by one (1) baghouse identified as CE-1, exhausting to stack S-1; [326 IAC 6.5-1-2]

(2) One (1) Sculpt-a-Mold batch mixer, identified as EU-05, receiving approval to construct in 2003, with a maximum capacity of 915 tons of paper mache powder per year, controlled by one (1) cyclone/bagfilter and exhausting internally; [326 IAC 6.5-1-2]

(3) One (1) creastone mixing process, identified as IA-2, with a maximum capacity of 534 tons of creastone per year, controlled by one (1) baghouse identified as CE-3, and exhausting to stack S-3; [326 IAC 6.5-1-2]

(4) Two (2) wet mixers, identified as IA-3a and IA-3b, with a maximum capacity of 324 tons per year of chrysler clay or a capacity of 83 tons per year of floral clay, controlled by two (2) baghouses, identified as CE-8a and CE-8b and exhausting to general ventilation; [326 IAC 6.5-1-2]

(5) One (1) modeling dough mixing operation, identified as IA-4, with a maximum capacity of 131 tons of flour and salt per year, exhausting to general ventilation; [326 IAC 6.5-1-2]

(6) One (1) miscellaneous dry materials repackaging operation, identified as IA-5, with a maximum capacity of 110 tons per year of powder glaze, exhausting to stack S-20; [326 IAC 6.5-1-2]

(7) One (1) Rub-N-Buff solvent mixing operation, identified as IA-9, with a maximum capacity of 84 tons per year of solvent and varnish, exhausting to general ventilation;

(8) One (1) Brush-N-Leaf solvent mixing operation, identified as IA-9, with a maximum capacity of 13 tons per year of solvent, exhausting to general ventilation; and

(g) Filling drums, pails, or other packaging containers with lubricating oils, waxes, and greases.

(h) Water based adhesives that are less than or equal to 5% by volume of VOC, excluding HAPs.

(i) Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other filtration equipment.

(j) Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling towers.

(k) Filter or coalescer media changeout.

(l) A laboratory as defined in 326 IAC 2-7-1(21)(D).

(m) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

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

(o) One (1) sand blasting cabinet, controlled by a dust collector with a flow rate of 100 cubic feet per minute, 90% control efficiency, and a grain loading rate less than 0.03 grains per dry standard cubic foot, exhausting inside the building [326 IAC 6.5-1-2].

(p) One (1) touch-up process for the Brent pottery wheels, identified as EU-08a, constructed in 2004, with a maximum usage of one 12-ounce aerosol paint can per hour, exhausting to general ventilation.

(q) One (1) Nakamura Model TMC4 TOME CNC lathe for metal parts, approved for construction in 2010, with a maximum capability of 50 parts per hour and a maximum usage of ten (10) gallons of coolant per year, using no control device and exhausting to general ventilation.

(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 2-8-4(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs existing as of July 1, 1990, located in Clark, Elkhart, Floyd, Lake, Marion, Porter or St. Joseph Counties, the Permittee shall ensure that the following 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 solvent is 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(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs existing as of July 1, 1990, located in Clark, Elkhart, Floyd, Lake, Marion, Porter or St. Joseph Counties, the Permittee shall ensure that the following 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.

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.3 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing operations (EU-01b), Sculpt-a-Mold batch mixer (EU-05), creastone mixing process (IA-2), wet mixers (IA-3a & IA-3b), dough mixing operation (IA-4), repackaging operation (IA-5), woodworking operation (IA-7), welding operation (IA-8), IA-11, the sand blasting cabinet, the Brent pottery wheel (EU-08a), and the CNC lathe shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

D.3.4 Particulate Matter (PM) Limitations [326 IAC 6.5-1-2(b)(3)]

Pursuant to 326 IAC 6.5-1-2(b)(3), the Weil natural gas-fired boiler, EU-11, shall not discharge a particulate matter content greater than one-hundredths (0.01) grain per dry standard cubic foot (dscf) of exhaust air when firing natural gas.

Compliance Determination Requirements

D.3.5 Particulate Matter (PM)

In order to comply with Conditions D.3.3, the baghouses for particulate control shall be in operation and control emissions from mixing operation (EU-01b), wet mixers (IA-3a & IA-3b), woodworking operation (IA-7), Sculpt-a-Mold batch mixer (EU-05), the creastone mixing process (IA-2), and the sand blasting cabinet at all times that EU-01b, IA-3a & IA-3b, IA-7, EU-05, IA-2, and the sand blasting cabinet are in operation.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.3.6 Broken or Failed Bag Detection

(a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has 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).

(b) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emission unit. 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).

Bag failure can be indicated by a significant drop in the baghouse's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: American Art Clay Company, Inc.
Source Address: 6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address: 6060 North Guion Road, Indianapolis, Indiana 46254
FESOP Permit No.: F097-26238-00514

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)_____

☐ Report (specify)_____

☐ Notification (specify)_____

☐ Affidavit (specify)_____

☐ Other (specify)_____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

Indiana Department of Environmental Management
Office of Air Quality
Compliance and Enforcement Branch

Source Name: American Art Clay Company, Inc.
Source Address: 6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address: 6060 North Guion Road, Indianapolis, Indiana 46254
FESOP Permit No.: F097-26238-00514
Source/Facility: EU-07
Pollutant: VOC
Limit: The actual VOC emissions in the kiln paint booth, identified as EU-07, shall be less than fifteen (15) pounds per day such that 326 IAC 8-2-9 (Surface Coating Emission Limitations: Miscellaneous Metal Coating Operations) does not apply.

Month: _____ **Year:** _____

Day	Usage this day (lb/day)	Day	Usage this day (lb/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		**TOTAL**	

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT

Source Name: American Art Clay Company, Inc.
Source Address: 6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address: 6060 North Guion Road, Indianapolis, Indiana 46254
FESOP Permit No.: F097-26238-00514

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

A certification is not required for this report.

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: American Art Clay Company, Inc.
Source Address: 6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address: 6060 North Guion Road, Indianapolis, Indiana 46254
FESOP Permit No.: F097-26238-00514

Months: _____ **to** _____ **Year:** _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked ANo deviations occurred this reporting period@.

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for an Administrative Amendment to a Federally Enforceable State Operating Permit (FESOP)

Source Description and Location

Source Name:	**American Art Clay Company, Incorporated**
Source Location:	**6060 North Guion Road, Indianapolis, Indiana 46254**
County:	**Marion**
SIC Code:	**3269, 3295, 3479 & 3499**
Permit Renewal No.:	**F097-26238-00514**
Operation Permit Renewal Issuance Date:	**August 13, 2008**
Administrative Amendment No.:	**097-28923-00514**
Permit Reviewer:	**Bruce Farrar**

On January 29, 2010, the Office of Air Quality (OAQ) received an application from American Art Clay Company, Incorporated related to a modification to an existing stationary source manufacturing clay and assembling kilns and potter's wheels.

Existing Approvals

The source was issued FESOP Renewal No. 097-26238-00514 on August 13, 2008. The source has since received the following approvals:

(a) First Administrative Amendment No. 097-27194-00514, issued on December 30, 2008; and

(b) Second Administrative Amendment No. 097-28225-00514, issued on July 15, 2009.

County Attainment Status

The source is located in Marion County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Attainment effective February 18, 2000, for the part of the city of Indianapolis bounded by 11th Street on the north; Capitol Avenue on the west; Georgia Street on the south; and Delaware Street on the east. Unclassifiable or attainment effective November 15, 1990, for the remainder of Indianapolis and Marion County.
O_3	Attainment effective November 8, 2007, for the 8-hour ozone standard.[1]
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Cannot be classified or better than national standards.
Pb	Attainment effective July 10, 2000, for the part of Franklin Township bounded by Thompson Road on the south; Emerson Avenue on the west; Five Points Road on the east; and Troy Avenue on the north. Attainment effective July 10, 2000, for the part of Wayne Township bounded by Rockville Road on the north; Girls School Road on the east; Washington Street on the south; and Bridgeport Road on the west. The remainder of the county is not designated.

[1]Attainment effective October 18, 2000, for the 1-hour ozone standard for the Indianapolis area, including Marion County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour designation was revoked effective June 15, 2005. Basic nonattainment designation effective federally April 5, 2005, for PM2.5.

(a) Ozone Standards

Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Marion County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Maron County has been classified as nonattainment for PM2.5 in 70 FR 943 dated January 5, 2005. On May 8, 2008, U.S. EPA promulgated specific New Source Review rules for PM2.5 emissions, and the effective date of these rules was July 15, 2008. Therefore, direct PM2.5 and SO2 emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5. See the State Rule Applicability – Entire Source section.

(c) Other Criteria Pollutants

Marion County has been classified as attainment or unclassifiable in Indiana for all other pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Status of the Existing Source

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

	Potential To Emit (tons/year)								
Process/ Emission Unit	**PM**	**PM10***	**PM2.5**	**SO_2**	**VOC**	**CO**	**NO_X**	**Highest Single HAP**	**Combined HAP**
EU-03a, b,c & EU-04 & EU-04d (clay mixing areas)	51.36	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-12 (Six (6) crude clay storage silos)	30.95	21.59	21.59	negl.	negl.	negl.	negl.	negl.	negl.
EU-13 (Six (6) in-use silos)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
IA-12 (scale/pneumatic blender)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
EU-06 (fire brick cutting)	27.03	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-07 (kiln paint booth)	7.76	1.56	1.56	negl.	35.24	negl.	negl.	4.76	5.74
EU-08 (Brent paint booth)	36.97	7.44	7.44	negl.	16.71	negl.	negl.	negl.	negl.
EU-08a (touch-up paint booth)	0.96	0.19	0.19	negl.	17.31	negl.	negl.	6.07	10.60
Degreasing	negl.	negl.	negl.	negl.	0.53	negl.	negl.	negl.	negl.
EU-11 (Weil boiler) & IA-11 (space heaters)	0.06	0.23	0.23	0.02	0.17	2.56	3.04	0.05	0.05

	Potential To Emit (tons/year)								
Process/ Emission Unit	**PM**	**PM10***	**PM2.5**	**SO_2**	**VOC**	**CO**	**NO_X**	**Highest Single HAP**	**Combined HAP**
IA-8 (welding)	0.03	0.03	0.03	negl.	negl.	negl.	negl.	negl.	negl.
IA-7 (woodworking)	0.17	0.07	0.07	negl.	negl.	negl.	negl.	negl.	negl.
EU-01a (leaded clay mixing)	1.58	1.34	1.34	negl.	negl.	negl.	negl.	0.03	0.03
EU-01b (unleaded glaze mixers)	3.94	3.35	3.35	negl.	negl.	negl.	negl.	negl.	negl.
EU-05 & IA-2 (sculpt-a-mold mixer & creastone mixing)	2.45	1.18	1.18	negl.	negl.	negl.	negl.	negl.	negl.
IA-3a & IA-3b (two (2) wet mixers)	1.05	0.89	0.89	negl.	negl.	negl.	negl.	negl.	negl.
IA-4 (modeling dough mixer)	0.39	0.09	0.09	negl.	negl.	negl.	negl.	negl.	negl.
IA-5 (dry repackaging)	0.32	0.28	0.28	negl.	negl.	negl.	negl.	negl.	negl.
IA-9 (solvent mixing)	negl.	negl.	negl.	negl.	2.23	negl.	negl.	0.07	0.07
IA-10 (printing)	negl.	negl.	negl.	negl.	1.42	negl.	negl.	negl.	negl.
sand blasting cabinet	1.13	1.13	1.13		-	-	-	-	-
Title V Major Source Thresholds	NA	100	100	100	100	100	100	10	25
PSD & Nonattainment NSR Major Source Thresholds	250	100	100	250	250	250	250	NA	NA
Total Emissions	**197.11**		**<100.0**	**0.02**	**73.62**	**2.56**	**3.04**	**6.35**	**16.50**

negl. = negligible
* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". US EPA has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions.

1. PM10 from these units is limited to 1.94 pounds per hour such that the limited potential to emit from these units when combined with the potential to emit PM10 from all other emission units at the source is less than one hundred (100) tons per twelve (12) consecutive month period and renders the requirements of 327 IAC 2-7 (Part 70 Permit Program) not applicable (see Permit 097-26238-00514, Technical Support document, dated August 13, 2006 for discussion).

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no attainment regulated pollutant is emitted at a rate of 100 tons per year or more, and it is one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

(b) This existing source is not a major stationary source under Emission Offset (326 IAC 2-3), because no nonattainment regulated pollutant is emitted at a rate of 100 tons per year or more.

(c) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the unlimited potential to emit HAPs are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Amendment

The Office of Air Quality (OAQ) has reviewed an application, submitted by American Art Clay Company, Incorporated on January 29, 2010, relating to the addition of a new CNC lathe. The touch-up process for the Brent paint booth, identified as EU-08a, has changed in description to clarify that the touch-up process uses aerosol paint cans and does not occur in the existing Brent paint booth (EU-08). The leaded glaze

product has been eliminated and the leaded glaze mixing area 1, identified as EU-01a, has been added to the unleaded mixer area, identified as EU-1b with a corresponding increase of the existing limit for EU-1b from 3.94 tons per year to 5.52 tons per year.

The following is a list of the new emission unit:

(a) One (1) Nakamura Model TMC4 TOME CNC lathe for metal parts, approved for construction in 2010, with a maximum capability of 50 pounds of metal parts per hour and a maximum usage of ten (10) gallons of coolant per year, using no control device and exhausting to general ventilation.

Enforcement Issues

There are no pending enforcement actions related to this revision.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – FESOP Revision

The following table is used to determine the appropriate permit level under 326 IAC 2-8.10. This table reflects the PTE before controls of the proposed revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	PTE of Proposed Revision (tons/year)								
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	Total HAPs	Worst Single HAP
CNC Lathe	0.09	0.09	0.09	-	-	-	-	-	-
Brent Pottery Wheel (EU-08a) (touch-up)	0.34	0.07	0.07	-	-	2.34	-	negl	negl
Total PTE of Proposed Revision	0.43	0.16	0.16	-	-	2.34	-	negl	negl

negl. = negligible

* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".

The unleaded glaze mixers, identified as EU-01b, PTE does increase because of the addition of the leaded clay mixing, identified as EU-01a.

This FESOP is being amended through a FESOP Administrative Amendment pursuant to 326 IAC 2-8-10. Specific 326 IAC 2-8-10 rule applicability is explained in the Proposed Changes Section of this TSD.

PTE of the Entire Source After Issuance of the FESOP Revision

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

	Potential To Emit (tons/year)								
Process/ Emission Unit	**PM**	**PM10***	**PM2.5**	**SO_2**	**VOC**	**CO**	**NO_X**	**Highest Single HAP**	**Combined HAP**
EU-03a, b,c & EU-04 & EU-04d (clay mixing areas)	51.36	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-12 (Six (6) crude clay storage silos)	30.95	21.59	21.59	negl.	negl.	negl.	negl.	negl.	negl.
EU-13 (Six (6) in-use silos)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
IA-12 (scale/pneumatic blender)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
EU-06 (fire brick cutting)	27.03	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-07 (kiln paint booth)	7.76	1.56	1.56	negl.	35.24	negl.	negl.	4.76	5.74
EU-08 (Brent paint booth)	36.97	7.44	7.44	negl.	16.71	negl.	negl.	negl.	negl.
EU-08a ~~(touch-up paint booth)~~ **Brent Pottery Wheels (touch-up)**	~~0.96~~ **0.34**	~~0.19~~ **0.07**	~~0.19~~ **0.07**	negl.	~~17.31~~ **2.34**	negl.	negl.	~~6.07~~ **negl.**	~~10.60~~ **negl.**
Degreasing	negl.	negl.	negl.	negl.	0.53	negl.	negl.	negl.	negl.
EU-11 (Weil boiler) & IA-11 (space heaters)	0.06	0.23	0.23	0.02	0.17	2.56	3.04	0.05	0.05
IA-8 (welding)	0.03	0.03	0.03	negl.	negl.	negl.	negl.	negl.	negl.
IA-7 (woodworking)	0.17	0.07	0.07	negl.	negl.	negl.	negl.	negl.	negl.
~~EU-01a (leaded clay mixing)~~	~~1.58~~	~~1.34~~	~~1.34~~	~~negl.~~	~~negl.~~	~~negl.~~	~~negl.~~	~~0.03~~	~~0.03~~
EU-01b (unleaded glaze mixers)	~~3.94~~ **5.52**	~~3.35~~ **4.69**	~~3.35~~ **4.69**	negl.	negl.	negl.	negl.	negl.	negl.
EU-05 & IA-2 (sculpt-a-mold mixer & creastone mixing)	2.45	1.18	1.18	negl.	negl.	negl.	negl.	negl.	negl.
IA-3a & IA-3b (two (2) wet mixers)	1.05	0.89	0.89	negl.	negl.	negl.	negl.	negl.	negl.
IA-4 (modeling dough mixer)	0.39	0.09	0.09	negl.	negl.	negl.	negl.	negl.	negl.
IA-5 (dry repackaging)	0.32	0.28	0.28	negl.	negl.	negl.	negl.	negl.	negl.
IA-9 (solvent mixing)	negl.	negl.	negl.	negl.	2.23	negl.	negl.	0.07	0.07
IA-10 (printing)	negl.	negl.	negl.	negl.	1.42	negl.	negl.	negl.	negl.
sand blasting cabinet	1.13	1.13	1.13		-	-	-	-	-
CNC Lathe	**0.09**	**0.09**	**0.09**	-	-	-	-	-	-
Total PTE of Entire Source	~~197.11~~ **196.58**	<100.0	<100.0	0.02	~~73.62~~ **58.64**	2.56	3.04	~~6.35~~ **4.76**	~~16.50~~ **5.86**
Title V Major Source Thresholds	NA	100	100	100	100	100	100	10	25
PSD & Nonattainment NSR Major Source Thresholds	250	100	100	250	250	250	250	NA	NA

negl. = negligible
* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". US EPA has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions.

Process/ Emission Unit	Potential To Emit (tons/year)								
	PM	PM10*	PM2.5	SO_2	VOC	CO	NO_X	Highest Single HAP	Combined HAP
1. PM10 from these units is limited to 1.94 pounds per hour such that the limited potential to emit from these units when combined with the potential to emit PM10 from all other emission units at the source is less than one hundred (100) tons per twelve (12) consecutive month period and renders the requirements of 327 IAC 2-7 (Part 70 Permit Program) not applicable (see 097-26238-00514, Technical Support document, dated August 13, 2006 for discussion).									

The table below summarizes the potential to emit of the entire source after issuance of this revision, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/ Emission Unit	Potential To Emit (tons/year)								
	PM	PM10*	PM2.5	SO_2	VOC	CO	NO_X	Highest Single HAP	Combined HAP
EU-03a, b,c & EU-04 & EU-04d (clay mixing areas)	51.36	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-12 (Six (6) crude clay storage silos)	30.95	21.59	21.59	negl.	negl.	negl.	negl.	negl.	negl.
EU-13 (Six (6) in-use silos)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
IA-12 (scale/pneumatic blender)	15.48	13.15	13.15	negl.	negl.	negl.	negl.	negl.	negl.
EU-06 (fire brick cutting)	27.03	8.5 [1]	8.5 [1]	negl.	negl.	negl.	negl.	negl.	negl.
EU-07 (kiln paint booth)	7.76	1.56	1.56	negl.	35.24	negl.	negl.	4.76	5.74
EU-08 (Brent paint booth)	36.97	7.44	7.44	negl.	16.71	negl.	negl.	negl.	negl.
EU-08a Brent Pottery Wheels (touch-up)	0.34	0.07	0.07	negl.	2.34	negl.	negl.	negl.	negl.
Degreasing	negl.	negl.	negl.	negl.	0.53	negl.	negl.	negl.	negl.
EU-11 (Weil boiler) & IA-11 (space heaters)	0.06	0.23	0.23	0.02	0.17	2.56	3.04	0.05	0.05
IA-8 (welding)	0.03	0.03	0.03	negl.	negl.	negl.	negl.	negl.	negl.
IA-7 (woodworking)	0.17	0.07	0.07	negl.	negl.	negl.	negl.	negl.	negl.
EU-01b (unleaded glaze mixers)	5.52	4.69	4.69	negl.	negl.	negl.	negl.	negl.	negl.
EU-05 & IA-2 (sculpt-a-mold mixer & creastone mixing)	2.45	1.18	1.18	negl.	negl.	negl.	negl.	negl.	negl.
IA-3a & IA-3b (two (2) wet mixers)	1.05	0.89	0.89	negl.	negl.	negl.	negl.	negl.	negl.
IA-4 (modeling dough mixer)	0.39	0.09	0.09	negl.	negl.	negl.	negl.	negl.	negl.
IA-5 (dry repackaging)	0.32	0.28	0.28	negl.	negl.	negl.	negl.	negl.	negl.
IA-9 (solvent mixing)	negl.	negl.	negl.	negl.	2.23	negl.	negl.	0.07	0.07
IA-10 (printing)	negl.	negl.	negl.	negl.	1.42	negl.	negl.	negl.	negl.
sand blasting cabinet	1.13	1.13	1.13		-	-	-	-	-

	Potential To Emit (tons/year)								
Process/ Emission Unit	**PM**	**PM10***	**PM2.5**	**SO_2**	**VOC**	**CO**	**NO_x**	**Highest Single HAP**	**Combined HAP**
CNC Lathe	0.09	0.09	0.09	-	-	-	-	-	-
Total PTE of Entire Source	195	<100.0	<100.0	0.02	58.64	2.56	3.04	4.76	5.86
Title V Major Source Thresholds	NA	100	100	100	100	100	100	10	25
PSD & Nonattainment NSR Major Source Thresholds	250	100	100	250	250	250	250	NA	NA

negl. = negligible
* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". US EPA has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions.
1. PM10 from these units is limited to 1.94 pounds per hour such that the limited potential to emit from these units when combined with the potential to emit PM10 from all other emission units at the source is less than one hundred (100) tons per twelve (12) consecutive month period and renders the requirements of 327 IAC 2-7 (Part 70 Permit Program) not applicable (see Permit 097-26238-00514, Technical Support document, dated August 13, 2006 for discussion).

(a) FESOP Status
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP).

(b) PSD Minor Source
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

(c) Emission Offset Minor Source
This modification to an existing Emission Offset minor stationary source will not change the Emission Offset minor status, because the potential to emit of all nonattainment regulated pollutants from the entire source will continue to be less than the Emission Offset major source threshold levels. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

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

National Emission Standards for Hazardous Air Pollutants (NESHAP)

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

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

(a) 326 IAC 2-8-4 (FESOP)
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP). See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

(b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

(c) 326 IAC 2-3 (Emission Offset) and (for PM2.5 nonattainment counties) 326 IAC 2-1.1-5 (Nonattainment New Source Review)
This modification to an existing Emission Offset minor stationary source will not change the Emission Offset minor status, because the potential to emit of all nonattainment regulated pollutants from the entire source will continue to be less than the Emission Offset major source threshold levels. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

This modification to an existing minor stationary source under 326 IAC 2-1.1-5 (Nonattainment New Source Review) will not change the minor status, because the potential to emit of PM2.5 from the entire source will continue to be less than 100 tons per year. Therefore, pursuant to 326 IAC 2-1.1-5, the Nonattainment New Source Review requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

(d) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new and modified units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

(e) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

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

(1) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

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

Brent Pottery Wheel (touch-up)

(h) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2(c)(3) (Particulate Emission Limitations for Manufacturing Processes), the source is not subject to this rule because 326 IAC 6.5-1-2 applies.

(i) 326 IAC 6.5-1-2 (Particulate Matter Limitations Except Lake County)
The source is located in Marion County, but is not specifically listed in 326 IAC 6.5-6. Pursuant to 326 IAC 6.5-1-1(a), the potential particulate emissions are greater than one hundred (100) tons per year and the actual emissions are greater ten (10) tons per year, therefore the requirements of 326 6.5-1-2(a) apply. Particulate matter emissions from the Brent Pottery Wheel (touch-up) shall not exceed seven-hundredths (0.07) gram per dry standard cubic meter (g/dscm) (three-hundredths (0.03) grain per dry standard cubic foot (dscf)).

(j) 326 IAC 8-2-9 (Miscellaneous Metal Coating Operation)
Pursuant to 326 IAC 8-2-1(a)(4), the actual emissions are less than fifteen (15) pounds per day, without controls, therefore 326 IAC 8-2-9 does not apply.

CNC Lathe

(k) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2(c)(3) (Particulate Emission Limitations for Manufacturing Processes), the source is not subject to this rule because 326 IAC 6.5-1-2 applies.

(l) 326 IAC 6.5-1-2 (Particulate Matter Limitations Except Lake County)
The source is located in Marion County, but is not specifically listed in 326 IAC 6.5-6. Pursuant to 326 IAC 6.5-1-1(a), the potential particulate emissions are greater than one hundred (100) tons per year and the actual emissions are greater ten (10) tons per year, therefore the requirements of 326 6.5-1-2(a) apply. Particulate matter emissions from the CNC Lathe (touch-up) shall not exceed seven-hundredths (0.07) gram per dry standard cubic meter (g/dscm) (three-hundredths (0.03) grain per dry standard cubic foot (dscf)).

(m) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
The proposed revision is not subject to the requirements of 326 IAC 8-1-6, since the unlimited VOC potential emissions from the CNC Lathe is less than twenty-five (25) tons per year.

(n) There are no other 326 IAC 8 Rules that are applicable to the unit.

Compliance Determination, Monitoring and Testing Requirements

The existing compliance requirements will not change as a result of this revision. The source shall continue to comply with the applicable requirements and permit conditions as contained in FESOP No: 097-26238-00514, issued on August 13, 2008.

Proposed Changes

(a) The following changes listed below are due to the proposed revision. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:

(1) The source is requesting that the permit be updated to indicate that the Kiln and Brent paint booths filters in Sections A.2 and D.2 be described as using dry particulate filters, not fabric filters. This change to the permit is considered an administrative amendment pursuant to 326 IAC 2-8-10(a)(6), since it is a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

***

(h) One (1) kiln paint booth, identified as EU-07, constructed in 2004, with a maximum usage of 1.47 gallons per hour, with particulate emissions controlled by ~~fabric~~ **dry particulate** filters, identified as CE-5, exhausting to stack S-13.

(i) One (1) Brent paint booth, identified as EU-08, constructed in 2004, with a maximum usage of 4.32 gallons per hour, with particulate emissions controlled by ~~fabric~~ **dry particulate** filters, identified as CE-6, exhausting to stack S-14.

***

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Surface Coating

(h) One (1) kiln paint booth, identified as EU-07, constructed in 2004, with a maximum usage of 1.47 gallons per hour, with particulate emissions controlled by ~~fabric~~ **dry particulate** filters, identified as CE-5, exhausting to stack S-13.

(i) One (1) Brent paint booth, identified as EU-08, constructed in 2004, with a maximum usage of 4.32 gallons per hour, with particulate emissions controlled by ~~fabric~~ **dry particulate** filters, identified as CE-6, exhausting to stack S-14.

***

(2) The source is requesting the permit be updated relating to a change in operations of the Brent Paint Booth. The touch-up process is not conducted in a paint booth and uses aerosol paint cans. The potential VOC is less than fifteen (15) pounds per day, therefore the touch-up process is an insignificant activity, pursuant to 326 IAC 2-7-1(a)(21)(A)(iv). The Brent Paint Booth will be renamed the Bent pottery wheels and moved to Sectin A.3 Insignificant Activities. This change in operation will be incorporated into the permit as an administrative amendment, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified 326 IAC 2-8-11.1(d)(4) and 326 IAC 2-8-11.1(f)(1)(G), respectively. The entire source will continue to limit VOC emissions to less than 100 tons per twelve (12) consecutive month period, rendering the

requirements of 326 IAC 2-7 not applicable. The change in operation will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

***

~~(j) One (1) touch-up process for the Brent paint booth, identified as EU-08a, constructed in 2004, with a maximum usage of 1.12 gallons per hour, with particulate emissions controlled by fabric filters, identified as CE-6, exhausting to stack S-14.~~

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

***

(p) One (1) touch-up process for the Brent pottery wheels, identified as EU-08a, constructed in 2004, with a maximum usage of one 12-ounce aerosol paint can per hour, exhausting to general ventilation.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Surface Coating

(h) One (1) kiln paint booth, identified as EU-07, constructed in 2004, with a maximum usage of 1.47 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-5, exhausting to stack S-13.

(i) One (1) Brent paint booth, identified as EU-08, constructed in 2004, with a maximum usage of 4.32 gallons per hour, with particulate emissions controlled by dry particulate filters, identified as CE-6, exhausting to stack S-14.

~~(j) One (1) touch-up process for the Brent paint booth, identified as EU-08a, constructed in 2004, with a maximum usage of 1.12 gallons per hour, with particulate emissions controlled by fabric filters, identified as CE-6, exhausting to stack S-14.~~

(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 2-8-4(1)]

D.2.1 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from emission unit EU-07~~,~~ **and** EU-08~~, EU-08a~~ shall each not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.2.2 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]

***

D.2.3 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]

The actual VOC emissions in the kiln paint booth, identified as EU-07~~, and the actual VOC emissions in the touch-up process for the Brent paint booth, identified as EU-08a~~, shall each be less than fifteen (15) pounds per day such that 326 IAC 8-2-9 (Surface Coating Emission Limitations: Miscellaneous Metal Coating Operations) does not apply.

D.2.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

***

Compliance Determination Requirements

D.2.5 Particulate Matter (PM)

In order to comply with Condition D.2.1, the dry filters for particulate matter (PM) control shall be in operation at all times emission unit EU-07~~,~~ **and** EU-08~~, EU-08a~~ are in operation.

D.2.6 Volatile Organic Compounds [326 IAC 8-1-2][326 8-1-4]

***

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.2.7 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the dry filters in EU-07~~,~~ **and** EU-08~~, EU-08a~~. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks S-13 and S-14 while EU-07~~,~~ **and** EU-08 ~~or EU-08a~~ are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C – Response to Exceedances. Failure to take response steps in accordance with Section C – Response to Exceedances shall be considered a deviation of this permit.

(b) ***

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.2.8 Record Keeping Requirements

(a) To document compliance with Conditions D.2.2, D.2.3, and D.2.6, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with Conditions D.2.2, D.2.3 and D.2.6.

(1) The VOC content of each coating material and solvent used less water for EU-07~~,~~ **and** EU-08~~, EU-08a~~.

(2) The amount of coating material and solvent used on daily basis for EU-07~~, and EU-08a~~.

(A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(3) The daily cleanup solvent usage for EU-07 ~~and EU-08a~~; and

(4) The weight of VOC emitted each day for EU-07 ~~and EU-08a~~.

(b) ***

(c) ***

D.2.9 Reporting Requirement

***

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Insignificant Activities

***

(p) One (1) touch-up process for the Brent pottery wheels, identified as EU-08a, constructed in 2004, with a maximum usage of one 12-ounce aerosol paint can per hour, exhausting to general ventilation.

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

***

D.3.3 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing operations (EU-01a, EU-01b), Sculpt-a-Mold batch mixer (EU-05), creastone mixing process (IA-2), wet mixers (IA-3a & IA-3b), dough mixing operation (IA-4), repackaging operation (IA-5), woodworking operation (IA-7), welding operation (IA-8), IA-11, and the sand blasting cabinet, **the Brent pottery wheel (EU-08a)** shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

Indiana Department of Environmental Management
Office of Air Quality
Compliance and Enforcement Branch

Source Name: American Art Clay Company, Inc.
Source Address: 6060 North Guion Road, Indianapolis, Indiana 46254
Mailing Address: 6060 North Guion Road, Indianapolis, Indiana 46254
FESOP Permit No.: F097-26238-00514
Source/Facility: EU-08a
Pollutant: VOC
Limit: The actual VOC emissions in the touch-up process for the Brent paint booth, identified as EU-08a, shall be less than fifteen (15) pounds per day such that 326 IAC 8-2-9 (Surface Coating Emission Limitations: Miscellaneous Metal Coating Operations) does not apply.

Month: _____ **Year:** _____

Day	Usage this day (lb/day)	Day	Usage this day (lb/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		**TOTAL**	

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

(3) The source is requesting that the permit be updated to indicate that the Leaded Glaze product has been eliminated and the process now uses only unleaded glaze. This change to the permit is considered an administrative amendment pursuant to 326 IAC 2-8-10(a)(6), since it is a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

***

(f) Emission units with PM and PM-10 emissions less than five (5) tons per year, SO_2, NO_X, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

~~(1) One (1) leaded glaze mixing area 1, identified as EU-01a, with a capacity of 800 tons of leaded glaze per year, particulate emissions controlled by a HEPA Filter identified as CE-10, and exhausting internally; [326 IAC 6.5-1-2]~~

~~(2)~~**(1)** ~~Three (3)~~ **Four (4)** unleaded glaze mixers in one area identified as EU-01b, with a combined maximum capacity of ~~2,400~~ **3,200** tons of unleaded glaze per year, with particulate emissions controlled by one (1) baghouse identified as CE-1, exhausting to stack S-1; [326 IAC 6.5-1-2]

~~(3)~~**(2)** One (1) Sculpt-a-Mold batch mixer, identified as EU-05, receiving approval to construct in 2003, with a maximum capacity of 915 tons of paper mache powder per year, controlled by one (1) cyclone/bagfilter and exhausting internally; [326 IAC 6.5-1-2]

~~(4)~~**(3)** One (1) creastone mixing process, identified as IA-2, with a maximum capacity of 534 tons of creastone per year, controlled by one (1) baghouse identified as CE-3, and exhausting to stack S-3; [326 IAC 6.5-1-2]

~~(5)~~**(4)** Two (2) wet mixers, identified as IA-3a and IA-3b, with a maximum capacity of 324 tons per year of chrysler clay or a capacity of 83 tons per year of floral clay, controlled by two (2) baghouses, identified as CE-8a and CE-8b and exhausting to general ventilation; [326 IAC 6.5-1-2]

~~(6)~~**(5)** One (1) modeling dough mixing operation, identified as IA-4, with a maximum capacity of 131 tons of flour and salt per year, exhausting to general ventilation; [326 IAC 6.5-1-2]

~~(7)~~**(6)** One (1) miscellaneous dry materials repackaging operation, identified as IA-5, with a maximum capacity of 110 tons per year of powder glaze, exhausting to stack S-20; [326 IAC 6.5-1-2]

~~(8)~~**(7)** One (1) Rub-N-Buff solvent mixing operation, identified as IA-9, with a maximum capacity of 84 tons per year of solvent and varnish, exhausting to general ventilation;

~~(9)~~**(8)** One (1) Brush-N-Leaf solvent mixing operation, identified as IA-9, with a maximum capacity of 13 tons per year of solvent, exhausting to general ventilation; and

***

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Insignificant Activities

***

(f) ***

~~(1) One (1) leaded glaze mixing area 1, identified as EU-01a, with a capacity of 800 tons of leaded glaze per year, particulate emissions controlled by a HEPA Filter identified as CE-10, and exhausting internally; [326 IAC 6.5-1-2]~~

~~(2)~~**(1)** ~~Three (3)~~ **Four (4)** unleaded glaze mixers in one area identified as EU-01b, with a combined maximum capacity of ~~2,400~~ **3,200** tons of unleaded glaze per year, with particulate emissions controlled by one (1) baghouse identified as CE-1, exhausting to stack S-1; [326 IAC 6.5-1-2]

~~(3)~~**(2)** One (1) Sculpt-a-Mold batch mixer, identified as EU-05, receiving approval to construct in 2003, with a maximum capacity of 915 tons of paper mache powder per year, controlled by one (1) cyclone/bagfilter and exhausting internally; [326 IAC 6.5-1-2]

~~(4)~~**(3)** One (1) creastone mixing process, identified as IA-2, with a maximum capacity of 534 tons of creastone per year, controlled by one (1) baghouse identified as CE-3, and exhausting to stack S-3; [326 IAC 6.5-1-2]

~~(5)~~**(4)** Two (2) wet mixers, identified as IA-3a and IA-3b, with a maximum capacity of 324 tons per year of chrysler clay or a capacity of 83 tons per year of floral clay, controlled by two (2) baghouses, identified as CE-8a and CE-8b and exhausting to general ventilation; [326 IAC 6.5-1-2]

~~(6)~~**(5)** One (1) modeling dough mixing operation, identified as IA-4, with a maximum capacity of 131 tons of flour and salt per year, exhausting to general ventilation; [326 IAC 6.5-1-2]

~~(7)~~**(6)** One (1) miscellaneous dry materials repackaging operation, identified as IA-5, with a maximum capacity of 110 tons per year of powder glaze, exhausting to stack S-20; [326 IAC 6.5-1-2]

~~(8)~~**(7)** One (1) Rub-N-Buff solvent mixing operation, identified as IA-9, with a maximum capacity of 84 tons per year of solvent and varnish, exhausting to general ventilation;

~~(9)~~**(8)** One (1) Brush-N-Leaf solvent mixing operation, identified as IA-9, with a maximum capacity of 13 tons per year of solvent, exhausting to general ventilation; and

***

***

D.3.3 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing operations (~~EU-01a~~, EU-01b), Sculpt-a-Mold batch mixer (EU-05), creastone mixing process (IA-2), wet mixers (IA-3a & IA-3b), dough mixing operation (IA-4), repackaging operation (IA-5), woodworking operation (IA-7), welding operation (IA-8), IA-11, ~~and~~ the sand blasting cabinet, **the Brent pottery wheel (EU-08a)** shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

(4) The source requested the permit be updated relating to construction and operation of a lathe for metal parts. This lathe uses an aqueous cutting coolant continuously floods the machining interface and is considered an insignificant activity (326 IAC 2-7-1a(21)(G)(vi)(BB)). The potential to emit particulate matter (PM/PM10) is 0.09 tons per year. The addition of this unit to the permit is considered an administrative amendment, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified 326 IAC 2-8-11.1(d)(4) and 326 IAC 2-8-11.1(f)(1)(G), respectively. The entire source will continue to limit PM10 emissions to under 100 tons per twelve (12) consecutive month period, rendering the requirements of 326 IAC 2-7 not applicable. The addition of this unit will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

***

(q) One (1) Nakamura Model TMC4 TOME CNC lathe for metal parts, approved for construction in 2010, with a maximum capability of 50 pounds of metal parts per hour and a maximum usage of ten (10) gallons of coolant per year, using no control device and exhausting to general ventilation.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Insignificant Activities

***

(q) One (1) Nakamura Model TMC4 TOME CNC lathe for metal parts, approved for construction in 2010, with a maximum capability of 50 pounds of metal parts per hour and a maximum usage of ten (10) gallons of coolant per year, using no control device and exhausting to general ventilation.

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

***

D.3.3 Particulate Matter (PM) Limitations [326 IAC 6.5]

Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing operations (~~EU-01a~~, EU-01b), Sculpt-a-Mold batch mixer (EU-05), creastone mixing process (IA-2), wet mixers (IA-3a & IA-3b), dough mixing operation (IA-4), repackaging operation (IA-5), woodworking operation (IA-7), welding operation (IA-8), IA-11, ~~and~~ the sand blasting cabinet, **the Brent pottery wheel (EU-08a), and the CNC lathe** shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on January 28, 2010.

The construction and operation of this amendment shall be subject to the conditions of the attached proposed FESOP Administrative Amendment No. 097-28923-00514. The staff recommends to the Commissioner that this FESOP Administrative Amendment be approved.

IDEM Contact

(a) Questions regarding this proposed permit can be directed to Bruce Farrar at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5401or toll free at 1-800-451-6027 extension 4-5401.

(b) A copy of the findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

Appendix A: Emissions Calculations
Aerosol Spray EU-8a
Company Name: American Art Clay Company, Inc.
Address City IN Zip: 6060 N. Guion Road, Indianapolis, Indiana 46254
Permit Number: F097-26238-00514
Plt ID: 097-00514
Reviewer: Bruce Farrar
Date: January 28, 2010

Material	Density (Lb/Can)	Weight % Volatile (H20 & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Cans of Mat. (cans/unit)	Maximum (unit/hour)	Pounds VOC per can of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	PM Potential (ton/yr)	PM10 Content (%)***	PM10 Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Paint Booth Touch-up																	
Aerosol for Touch-up Only																	
Statin Black (Aerosol)	0.75	70.00%	0.00%	70.00%	0.00%	30.00%	0.06250	16.000	0.53	0.53	12.60	**2.30**	**0.34**	20%	**0.07**	1.75	65%
Total												**2.30**	**0.34**		**0.07**		

***PM10 content is from AP-42 Appendix B.1 Section 4.2.2.8 and Table B.2-3

METHODOLOGY
Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

Appendix A: Emissions Calculations
CNC Lathe

Company Name: American Art Clay Company, Inc.
Address City IN Zip: 6060 N. Guion Road, Indianapolis, Indiana 46254
Permit Number: F097-26238-00514
Plt ID: 097-00514
Reviewer: Bruce Farrar
Date: January 28, 2010

Emission Unit	Density (Lb/gal)	Gallons Used per year	Oil Fume Conversion*	PM/PM10/ PM2.5 Potential (ton/yr)
CNC Lathe	8.00	13.80	50.00%	**0.09**

* Source supplied data

Assume coolant is oil based with 10 gallons used per 2000 hour/year

METHODOLOGY

Potential PM Tons per year = (Density (lb/gal) * gal/year) * (% conversion to fumes) * (2000 lbs/1 ton)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Richard Pulsifer
American Art and Clay Company, Inc
6060 N Guion Road
Indianapolis, IN 46254

DATE: March 8, 2010

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

SUBJECT: Final Decision
FESOP
097-28923-00514

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

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

A copy of the final decision and supporting materials has also been sent via standard mail to:
Ron Ellis, Responsible Official
John Kilmer, BCA Consultants
OAQ Permits Branch Interested Parties List

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

Recycled Paper An Equal Opportunity Employer *Please Recycle*

Mail Code 61-53

IDEM Staff	DPABST 3/8/2010 American Art Clay Company, Inc. 097-28923-00514 (Final)		
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**

AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee / Remarks
1		Richard Pulsfier American Art Clay Company, Inc. 6060 N Guion Rd Indianapolis IN 46254 (Source CAATS) (CONFIRM DELIVERY)									
2		Ron Ellis Plant Mgr American Art Clay Company, Inc. 6060 N Guion Rd Indianapolis IN 46254 *(RO CAATS)*									
3		Marion County Health Department 3838 N, Rural St Indianapolis IN 46205-2930 *(Health Department)*									
4		Mrs. Sandra Lee Watson 7834 E 100 S Marion IN 46953 *(Affected Party)*									
5		Indianapolis City Council and Mayors Office 200 East Washington Street, Room E Indianapolis IN 46204 *(Local Official)*									
6		Marion County Commissioners 200 E. Washington St. City County Bldg., Suite 801 Indianapolis IN 46204 *(Local Official)*									
7		Mr. John W. Kilmer BCA Consultants, Inc. 6330 E 75th Street #150 Indianapolis IN 46250 *(Consultant)*									
8		Ms. Janet McCabe Improving Kids Environment 3951 N Meridian Street Suite 160 Indianapolis IN 46208-4062 *(Affected Party)*									
9		Matt Mosier Office of Sustainability 2700 South Belmont Ave. Administration Bldg. Indianapolis IN 46221 *(Local Official)*									
10											
11											
12											
13											
14											
15											

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is $50,000 per piece subject to a limit of $50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is $500. The maximum indemnity payable is $25,000 for registered mail, sent with optional postal insurance. See ***Domestic Mail Manual*** **R900, S913**, and **S921** for limitations of coverage on inured and COD mail. See ***International Mail Manual*** for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.

FACSIMILIE OF PS Form 3877