



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 18, 2009

RE: Outokumpu Stainless, Inc., Plate Products / 065-27113-00003

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

Notice of Decision: Approval – Effective Immediately

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

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

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

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

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

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

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

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

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



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Mr. Doug Zimmerman
Outokumpu Stainless, Inc., Plate Products
549 West State Road 38
New Castle, Indiana 47632

March 18, 2009

RE: 065-27113-00003
Second Significant Permit Modification to
Part 70 Operating Permit No.: T 065-27113-00003

Dear Mr. Zimmerman:

The Indiana Department of Environmental Management (IDEM), has received an application from Outokumpu Stainless, Inc., Plate Products, located at 549 West State Road 38, New Castle, Indiana 47632, for a significant modification of their Part 70 Operating Permit Renewal issued on June 19, 2007. If approved by IDEM's Office of Air Quality (OAQ), this proposed modification would allow Outokumpu Stainless, Inc., Plate Products to make certain changes at their existing source. Outokumpu Stainless, Inc., Plate Products has applied to revise the parametric monitoring requirements for the wet scrubber used to control emissions from the 120" Line Pickling and the Main Bay Spray Pickling Line and the baghouses controlling the 120" Line Shot blaster, Wheelabrator shotblaster and the ASBF shotblaster. In addition, preconstruction emission limitations, testing requirements, monitoring requirements and reporting requirements for the 120" Pickling Line have been removed because the modification has been completed. Lastly, a testing requirement for the Wheelabrator shotblaster has been removed because the unit will be removed from service in 2009.

Pursuant to the provisions of 326 IAC 2-7-12, a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire revised Title V Operating Permit, with all modifications and amendments made to it, is being provided.

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, call (800) 451-6027 and ask for David Matousek at extension 2-8253 or dial (317) 232-8253.

Sincerely,

Tripurari P. Sinha, Ph.D., Section Chief
Permits Branch
Office of Air Quality

Attachments

DJM

cc: File - Henry County
U.S. EPA, Region V
Henry County Health Department
Air Compliance Section Inspector
Compliance and Enforcement Branch
Permit Administration and Support Section



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PART 70 OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

Outokumpu Stainless, Inc., Plate Products
549 West State Road 38
New Castle, IN 47632

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

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-2 and 326 IAC 2-7-10.5, applicable to those conditions.

Operation Permit Renewal No.: T 065-17992-00003	
Issued by: Original Signed By: Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: June 19, 2007 Expiration Date: June 19, 2012

First Significant Permit Modification No.: 065-26242-00003, issued on July 17, 2008.

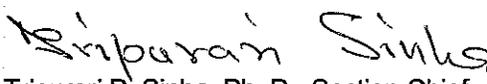
Second Significant Permit Modification No.: 065-27113-00003	
Issued by:  Tripurari P. Sinha, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: March 18, 2009 Expiration Date: June 19, 2012

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SECTION A

SOURCE SUMMARY

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

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

The Permittee owns an operation of manufacturing rolled steel plates.

Source Address:	549 West State Road 38 New Castle Indiana 47632
Mailing Address:	P.O. Box 370, New Castle, Indiana 47362-0370
General Source Phone Number:	765-529-0120
SIC Code:	3312
County Location:	Henry
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

- (a) One (1) 120" Line Pickling, installed in 1996 and modified in 2008, with a maximum capacity of 30 tons per hour, equipped with a wet scrubber as control device, and exhausting to stack E.
- (b) One (1) Batch pickling line, installed in 1944 and with a maximum capacity of 15 tons per hour, exhausting inside the building. In 2008, the Batch pickling line was permitted to be modified to become the following:
 - One (1) Main Bay Spray Pickling Line, installed in 1944 and modified in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a wet scrubber and exhausting through stack F.
- (c) One (1) 120" Line Shotblaster, installed in 1996, with a maximum capacity of 30 tons per hour, with emissions controlled by a baghouse and exhausting to stack C.
- (d) One (1) Wheelabrator shot blaster, installed in 1980 and with a maximum capacity of 36.0 tons per hour, using a baghouse as control device, and exhausting to stack B. In 2009, the Wheelabrator shot blaster will be replaced with the following:
 - One (1) ASBF Shotblaster, permitted in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a baghouse and exhausting to stack B.The Wheelabrator shot blaster will be permanently shut down once the ASBF Shotblaster begins operation.

- (e) One (1) Finish Mill Hot Rolling, installed in 1977 and with a maximum capacity of 2.625 tons per hour, exhausting inside the building.
- (f) One (1) Finish Mill Walking Beam Reheat Furnace, installed in 1995 and rated at 21 million British thermal units per hour, exhausting inside the building.
- (g) One (1) 120" Salem Annealing Furnace, installed in 1996 and rated at 39.60 million British thermal units per hour, exhausting inside the building.
- (h) One (1) ASBF Annealing Furnace, permitted in 2008, with a maximum capacity of 55 MMBtu/hr, with emissions exhausting inside the building.
- (i) One (1) 96" Salem Annealing Furnace-1, installed in 1991 and rated at 32 million British thermal units per hour, exhausting inside the building.
- (j) One (1) 96" Salem Annealing Furnace-2, installed in 1991 and rated at 32 million British thermal units per hour, exhausting inside the building.
- (k) One (1) Heppenstall Annealing Furnace, installed in 1980 and rated at 10.80 million British thermal units per hour, exhausting inside the building.
- (l) One (1) natural gas fired 120" Line Boiler, installed in 1996 and rated at 10.04 million British thermal units per hour and exhausting to stack S-5.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour.
 - (1) One (1) natural gas fired boiler, referred to as the Main Bay Spray Boiler #1, installed in 1982, with maximum heat input capacity of 5.33 MMBtu/hr. [326 IAC 6-2-4]
 - (2) One (1) natural gas fired boiler, referred to as the Main Bay Spray Boiler #2, permitted in 2008, with a maximum heat input capacity of 9.0 MMBtu/hr. [326 IAC 6-2-4]
 - (3) One (1) North Twin Reheat Furnace, installed in 1977, with a maximum heat input capacity of 9.33 MMBtu/hr, with emissions exhausting inside the building.
 - (4) One (1) South Twin Reheat Furnace, installed in 1977, with a maximum heat input capacity of 9.33 MMBtu/hr, with emissions exhausting inside the building.
- (b) Degreasing operations, installed in 2001, that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 and 40 CFR 63, Subpart T. [326 IAC 8-3-2]
[326 IAC 8-3-5]
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment [326 IAC 6-3-2].
- (d) Walk Behind Grinder [326 IAC 6-3-2].

- (e) Belt Grinders [326 IAC 6-3-2].
- (f) Two (2) Plasma Torch Cutters [326 IAC 6-3-2].
- (g) Shears [326 IAC 6-3-2].
- (h) One Lime Storage Silo [326 IAC 6-3-2].

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

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

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

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, T065-17992-00003, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

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

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

B.5 Severability [326 IAC 2-7-5(5)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

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

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

and

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

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

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

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

- (a) The Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;

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

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, 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 and Enforcement Branch), or

Telephone Number: 317-233-0178 (ask for Compliance and Enforcement Branch)
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 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

- (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

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

- (a) All terms and conditions of permits established prior to T 065-17992-00003 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

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

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

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

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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

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

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

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

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

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

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

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

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

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions that 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
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

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

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

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

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification that shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]

The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

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

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

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

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

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

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

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

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

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

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Opacity [326 IAC 5-1]

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

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

C.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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

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). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

C.11 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.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

C.13 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 December 9, 1996.
- (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.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

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

- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (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.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

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

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

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

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(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.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (f) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

C.20 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 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(a) One (1) 120" Line Pickling, installed in 1996 and modified in 2008, with a maximum capacity of 30 tons per hour, with emissions controlled by a wet scrubber and exhausting to stack E.

(b) One (1) Batch pickling line, installed in 1944 and with a maximum capacity of 15 tons per hour, exhausting inside the building. In 2008, the Batch pickling line was permitted to be modified to become the following:

One (1) Main Bay Spray Pickling Line, installed in 1944 and modified in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a wet scrubber and exhausting through stack F.

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

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

D.1.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the allowable PM emissions from the following facilities shall not exceed the limits as stated when operating at the respective process weight rates:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)	Equation
120" Line Pickling	30	40.04	a
Batch Pickling Line	15	25.16	a
Main Bay Spray Pickling Line	36	41.57	b

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

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

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

- (b) Interpolation and extrapolation of the data for process weight rates in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11-40} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.2 PSD Minor Limit [326 IAC 2-2]

- (a) The 120" Pickling Line shall comply with the following emission limits:
- (1) The input of metal processed in 120" Line Pickling shall be limited to less than 158,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 - (2) The NO_x emission rate from the 120" Line Pickling shall not exceed 1.20 pounds per ton of material processed.
 - (3) The PM emissions from the 120" Line Pickling shall not exceed 0.875 pounds per ton of material processed.
 - (4) The PM₁₀ emissions from the 120" Line Pickling shall not exceed 1.075 pounds per ton of material processed.
- (b) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:
- (1) The input of metal processed in Main Bay Spray Pickling shall not exceed 75,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 - (2) The NO_x emission rate from the Main Bay Spray Pickling shall not exceed 1.20 pounds per ton of material processed.
 - (3) The PM emissions from the Main Bay Spray Pickling shall not exceed 0.875 pounds per ton of material processed.
 - (4) The PM₁₀ emissions from the Main Bay Spray Pickling shall not exceed 1.075 pounds per ton of material processed.

Compliance with the emission limits in (a) and (b) and Condition D.2.2 combined with the potential to emit NO_x, PM, and PM₁₀ emissions from all other equipment at this source will limit the potential to emit from this modification and the entire source to less than two hundred fifty (250) tons per year, each. Therefore the requirements of 326 IAC 2-2 (PSD) are not applicable to the source.

D.1.3 HAP Minor Limit [326 IAC 2-4.1]

After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line, and pursuant to source modification 065-26100-00003 and 326 IAC 2-4.1, the HF emission rate from the Main Bay Spray Pickling Line shall not exceed 0.264 pounds per ton of material processed.

Compliance with this emission limit and Condition D.1.2(b)(1) will limit the potential to emit from the Main Bay Spray Pickling Line to less than ten (10) tons per year of any single HAP and less than twenty-five (25) tons per year of any combination of HAPs. Therefore the requirements of 326 IAC 2-4.1 do not apply to the Main Bay Spray Pickling Line.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

- (a) Within 180 days after startup of the modified 120" Pickling Line, in order to determine compliance with Condition D.1.2(a), the Permittee shall perform NO_x, PM, and PM₁₀ emissions stack testing utilizing the methods as approved by the Commissioner. PM₁₀ includes filterable and condensable PM₁₀. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration.

- (b) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line: Within 180 days after startup of the modified Main Bay Spray Pickling Line, in order to determine compliance with Condition D.1.2(b), and Condition D.1.3, the Permittee shall perform HF, NO_x, PM, and PM₁₀ emissions stack testing utilizing the methods as approved by the Commissioner. PM₁₀ includes filterable and condensable PM₁₀. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration.
- (c) Testing shall be conducted in accordance with Section C - Performance Testing.

D.1.5 HF, NO_x, PM, and PM₁₀ Controls

- (a) The Permittee shall operate the wet scrubber controlling the NO_x, PM, and PM₁₀ emissions from the 120" Line Pickling at all times that the 120" Line Pickling is in operation.
- (b) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line: The Permittee shall operate the wet scrubber controlling the HF, NO_x, PM, and PM₁₀ emissions from the Main Bay Spray Pickling Line at all times that the Main Bay Spray Pickling Line is in operation.

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

D.1.6 Visible Emissions Notations

- (a) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line: Visible emission notations of the 120" Line Pickling stack E exhaust and the Main Bay Spray Pickling Line stack F exhaust shall be performed once per day 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 or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.7 Parametric Monitoring

After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:

- (a) In order to comply with Condition D.1.1 and D.1.2(a), the Permittee shall monitor the flow rate of the wet scrubber controlling the 120" Line Pickling at least once per day when the line is in operation.

- (b) In order to comply with Condition D.1.1 and D.1.2(b), the Permittee shall monitor the flow rate of the wet scrubber controlling the Main Bay Spray Pickling Line at least once per day when the line is in operation.
- (c) When for any one reading, the flow rate across a wet scrubber is below a minimum flow rate established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C – Response to Excursions or Exceedances. A flow rate that is below the above mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (d) The instrument used for determining the flow rate shall comply with Section C – Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

D.1.8 Scrubber Failure Detection

After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:

In the event that scrubber failure has been observed, the failed scrubber 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).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.6, the Permittee shall maintain a daily record of visible emission notations of 120" Line Pickling stack E exhaust and the Main Bay Spray Pickling Line stack F exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).
- (b) To document compliance with condition D.1.2 (a)(1) and (b)(1), the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with metal usage limits established in D.1.2 (a)(1) and (b)(1).
 - (1) Calendar dates covered in the compliance determination period; and
 - (2) Actual metal throughput since last compliance determination period.
- (c) To document compliance with Condition D.1.7(a), the Permittee shall maintain a daily record of the flow rate of the wet scrubber controlling the 120" Line Pickling line. The Permittee shall include in its daily record when a flow rate notation is not taken and the reason for the lack of a flow rate reading (e.g. the process did not operate that day).
- (d) To document compliance with Condition D.1.7(b), the Permittee shall maintain a daily record of the flow rate of the wet scrubber controlling the 120" Line Pickling line. The Permittee shall include in its daily record when a flow rate notation is not taken and the reason for the lack of a flow rate reading (e.g. the process did not operate that day).
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2 (a)(1) and (b)(1) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of the permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(c) One (1) 120" Line Shotblaster, installed in 1996, with a maximum capacity of 30 tons per hour, with emissions controlled by a baghouse and exhausting to stack C.

(d) One (1) Wheelabrator shot blaster, installed in 1980 and with a maximum capacity of 36.0 tons per hour, using a baghouse as control device, and exhausting to stack B. In 2009, the Wheelabrator shot blaster will be replaced with the following:

One (1) ASBF Shotblaster, permitted in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a baghouse and exhausting to stack B.

The Wheelabrator shot blaster will be permanently shut down once the ASBF Shotblaster begins operation.

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

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

D.2.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the allowable particulate emissions from the following facilities shall not exceed the limits as stated when operating at the respective process weight rates:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)	Equation
120" Line Shotblaster	30	40.04	a
Wheelabrator Shotblaster	36	41.57	b
ASBF Shotblaster	36	41.57	b

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

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

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

- (b) Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and } P = \text{process weight rate in tons per hour}$$

D.2.2 PSD Minor Limit [326 IAC 2-2]

(a) Until the Wheelabrator Shotblaster is permanently shutdown:

- (1) The PM emissions from the Wheelabrator shotblaster shall not exceed 41.42 pounds per hour.
- (2) The PM₁₀ emissions from the Wheelabrator shotblaster shall not exceed 41.42 pounds per hour.

Compliance with above limits shall render 326 IAC 2-2 (PSD) not applicable to the Wheelabrator shotblaster installed in 1994.

(b) The 120" Line Shotblaster shall comply with the following emission limitations:

- (1) The PM emissions from the 120" Line Shotblaster shall not exceed 7.5 pounds per hour.
- (2) The PM₁₀ emissions from the 120" Line Shotblaster shall not exceed 7.5 pounds per hour.

(c) After installation of the ASBF Shotblaster:

- (1) The metal throughput to the ASBF Shotblaster shall not exceed 75,000 tons per 12 consecutive month period with compliance determined at the end of each month.
- (2) The PM emissions from the ASBF Shotblaster shall not exceed 2.21 pounds per ton.
- (3) The PM₁₀ emissions from the ASBF Shotblaster shall not exceed 1.62 pounds per ton.

Compliance with the emission limits in (b) and (c) above and Condition D.1.2 combined with the potential to emit NO_x, PM, and PM₁₀ emissions from all other equipment at this source will limit the potential to emit from this modification and the entire source to less than two hundred fifty (250) tons per year, each. Therefore the requirements of 326 IAC 2-2 (PSD) are not applicable to the source.

Compliance Determination Requirements

D.2.3 Particulate Control

- (a) In order to comply with Conditions D.2.1 and D.2.2, the baghouses for particulate control shall be in operation and control emissions from the 120" Line and Wheelabrator, and ASBF Shotblasters at all times that the 120" Line and Wheelabrator, and ASBF Shotblasters are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

In order to determine compliance with Conditions D.2.1 and D.2.2(b), the Permittee shall perform PM and PM₁₀ emissions stack testing for 120" Line Shotblaster by September 22, 2009, utilizing the methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.

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

D.2.5 Visible Emissions Notations [40 CFR 64]

(a) Visible Emission Notations

- (1) Until the Wheelabrator Shotblaster is permanently shutdown:
Pursuant to 40 CFR 64 (CAM), visible emission notations of the Wheelabrator Shotblaster stack B exhaust shall be performed once per day during normal daylight operations.
- (2) Pursuant to 40 CFR 64 (CAM), visible emission notations of the 120" Line Shotblaster stack C exhaust shall be performed once per day during normal daylight operations.
- (3) After installation of the ASBF Shotblaster:
Visible emission notations of the ASBF Shotblaster stack B exhaust shall be performed once per day 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 or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.2.6 Parametric Monitoring [40 CFR 64]

- (a) Pursuant to 40 CFR 64 (CAM) and in order to comply with Conditions D.2.1 and D.2.2 (a) and (b), the Permittee shall monitor the pressure drop across each of the baghouses used in conjunction with the 120" Line Shotblaster line shot blaster, and Wheelabrator shot blaster (until the Wheelabrator Shotblaster is permanently shutdown), at least once per day when the process is in operation.

- (b) After installation of the ASBF Shotblaster: In order to comply with Conditions D.2.1 and D.2.2(c), the Permittee shall monitor the pressure drop across the baghouse used in conjunction with the ASBF Shotblaster at least once per day when the process is in operation.

When for any one reading, the pressure drop across any baghouse is outside the normal range of 2.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or 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 or Exceedances shall be considered a deviation from this permit.

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

D.2.7 Broken or Failed Bag Detection [40 CFR 64]

- (a) For the Wheelabrator Shotblaster (until it is permanently shutdown) and the 120" Line Shotblaster:
Pursuant to 40 CFR 64 (CAM):
- (1) 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).
 - (2) 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 emissions 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.

- (b) Upon installation of the ASBF Shotblaster:
- (1) 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).

- (2) 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 emissions 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.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.8 Record Keeping Requirements

- (a) To document compliance with Condition D.2.5, the Permittee shall maintain a daily record of visible emission notations of the 120" Line and Wheelabrator, and ASBF Shotblaster stack C and B exhausts. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation, (e.g., the process did not operate that day).
- (b) To document compliance with Condition D.2.6, the Permittee shall maintain a daily record of the pressure drop across the baghouse controlling the 120" Line Wheelabrator, and ASBF Shotblasters. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading, (e.g., 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.

D.2.9 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.2(c)(1) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting form located at the end of the permit, or its equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (e) One (1) Finish Mill Hot Rolling, installed in 1977 and with a maximum capacity of 2.625 tons per hour, exhausting inside the building.
- (f) One (1) Finish Mill Walking Beam Reheat Furnace, installed in 1995 and rated at 21 million British thermal units per hour, exhausting inside the building.
- (g) One (1) 120" Salem Annealing Furnace, installed in 1996 and rated at 39.60 million British thermal units per hour, exhausting inside the building.
- (h) One (1) ASBF Annealing Furnace, permitted in 2008, with a maximum capacity of 55 MMBtu/hr, with emissions exhausting inside the building.
- (i) One (1) 96" Salem Annealing Furnace-1, installed in 1991 and rated at 32 million British thermal units per hour, exhausting inside the building.
- (j) One (1) 96" Salem Annealing Furnace-2, installed in 1991 and rated at 32 million British thermal units per hour, exhausting inside the building.
- (k) One (1) Heppenstall Annealing Furnace, installed in 1980 and rated at 10.80 million British thermal units per hour, exhausting inside the building.
- (l) One (1) natural gas fired 120" Line Boiler, installed in 1996 and rated at 10.04 million British thermal units per hour and exhausting to stack S-5.

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

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

D.3.1 Particulate Matter Emission Limitation for Source of Indirect Heating [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4(a), the PM emissions from the one (1) 10.04 MMBtu/hr boiler (120" Line Boiler) shall be limited to 0.535 lb/MMBtu heat input based on the following formula:

$$Pt = \frac{1.09}{Q^{0.26}}$$

where: Pt = pounds of particulate matter emitted per million Btu (lb/MMBtu) heat input
Q = Total source maximum operating capacity rating in MMBtu/hr heat input.

New Source Performance Standards [326 IAC 12] [40 CFR Part 60, Subparts A and Dc]

D.3.2 General Provisions Relating to the Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [326 IAC 12] [40 CFR Part 60, Subpart A]

The Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12.

D.3.3 Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
[326 IAC 12] [40 CFR Part 60, Subpart Dc]

The Permittee shall comply with the following provisions of the Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (40 CFR Part 60, Subpart Dc; included as Attachment A of this permit) for the 120" Line Boiler:

40 CFR 60.48c(g): the Permittee shall record and maintain records of the amounts of natural gas combusted in the 120" Line Boiler during each calendar month.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour.
- (1) One (1) natural gas fired boiler, referred to as the Main Bay Boiler #1, installed in 1982, with maximum heat input capacity of 5.33 MMBtu/hr. [326 IAC 6-2-4]
 - (2) One (1) natural gas fired boiler, referred to as the Main Bay Boiler #2, permitted in 2008, with a maximum heat input capacity of 9.0 MMBtu/hr. [326 IAC 6-2-4]
 - (3) One (1) North Twin Reheat Furnace, installed in 1977, with a maximum heat input capacity of 9.33 MMBtu/hr, with emissions exhausting inside the building.
 - (4) One (1) South Twin Reheat Furnace, installed in 1977, with a maximum capacity of 9.33 MMBtu/hr, with emissions exhausting inside the building.
- (b) Degreasing operations, installed in 2001, that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 and 40 CFR 63, Subpart T. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment [326 IAC 6-3-2].
- (d) Walk Behind Grinder [326 IAC 6-3-2].
- (e) Belt Grinders [326 IAC 6-3-2].
- (f) Two (2) Plasma Torch Cutters [326 IAC 6-3-2].
- (g) Shears [326 IAC 6-3-2].
- (h) One lime storage silo [326 IAC 6-3-2].

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

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

D.4.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-3] [326 IAC 6-2-4]

- (a) Pursuant to 326 IAC 6-2-3(e), the PM emissions from the Main Bay Spray Boiler #1 rated at 5.33 MMBtu/hr, which began operation after June 8, 1972, shall be limited to 0.6 lb/MMBtu heat input.
- (b) Pursuant to 326 IAC 6-2-4(a), the PM emissions from the Main Bay Boiler #2 rated at 9.0 MMBtu/hr shall be limited to 0.475 lb/MMBtu heat input based on the following formula:

$$Pt = \frac{1.09}{Q^{0.26}}$$

where: Pt = pounds of particulate matter emitted per million Btu (lb/MMBtu) heat input
Q = Total source maximum operating capacity rating in MMBtu/hr heat input.
Q for the Main Bay Boiler #2 is 24.37 MMBtu/hr.

D.4.2 Particulate Emission Limitations for Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2(e)]

Pursuant to 326 IAC 6-3-2(e), the allowable particulate emissions rate from any process not already regulated by 326 IAC 6.5, 326 IAC 6.8 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

These include the brazing equipment, cutting torches, soldering equipment, welding equipment, walk behind grinder, belt grinders, plasma torch cutters, shears, and lime storage silo.

D.4.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for Immersion Cleaning Operation 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.4.4 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 constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.

- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^oC) (one hundred degrees Fahrenheit (100^oF)), 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 that lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^oC) (one hundred degrees Fahrenheit (100^oF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^oC) (one hundred twenty degrees Fahrenheit (120^oF)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Outokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003

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

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify): _____
- Report (specify): _____
- Notification (specify): _____
- Affidavit (specify): _____
- Other (specify): _____

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH

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

PART 70 OPERATING PERMIT EMERGENCY OCCURRENCE REPORT

Source Name: Outokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003

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) 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? <input type="checkbox"/> Y <input type="checkbox"/> N Describe:
Type of Pollutants Emitted: <input type="checkbox"/> TSP <input type="checkbox"/> PM-10 <input type="checkbox"/> SO ₂ <input type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> 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: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Otokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003
Facility: 120" Line Pickling
Parameter: Metal throughput rate at 120" Line Pickling
Limit: Metal processed rate at 120" Line Pickling shall not exceed 158,000 tons per twelve (12) consecutive month period

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Metal Throughput This Month	Metal Throughput Previous 11 Months	12 Month Total Metal Throughput

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.
Deviation has been reported on: _____

Submitted By: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Otokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003
Facility: Main Bay Spray Pickling Line
Parameter: Metal throughput rate at Main Bay Spray Pickling Line
Limit: Metal processed rate at Main Bay Spray Pickling Line shall not exceed 75,000 tons per twelve (12) consecutive month period

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Metal Throughput This Month	Metal Throughput Previous 11 Months	12 Month Total Metal Throughput

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.
Deviation has been reported on: _____

Submitted By: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: Outokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003
Facility: ASBF Shotblaster
Parameter: Metal throughput rate at the ASBF Shotblaster
Limit: Metal processed rate to the ASBF Shotblaster shall not exceed 75,000 tons per twelve (12) consecutive month period

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Metal Throughput This Month	Metal Throughput Previous 11 Months	12 Month Total Metal Throughput

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.
Deviation has been reported on: _____

Submitted By: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

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

Source Name: Outokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003

Months: _____ to _____ Year: _____

Page 1 of 2

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

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**

**Addendum to the Technical Support Document (ATSD) for a
Part 70 Significant Permit Modification**

Source Background and Description

Source Name:	Outokumpu Stainless, Inc., Plate Products
Source Location:	549 West SR 38, New Castle, Indiana 47362
County:	Henry County
SIC Code:	3312
Operation Permit No.:	T 065-17992-00003
Operation Permit Issuance Date:	June 19, 2007
Significant Permit Modification No.:	065-27113-00003
Permit Reviewer:	David J. Matousek

On January 27, 2009, the Office of Air Quality (OAQ) had a notice published in the Courier Times, New Castle, Indiana, stating that Outokumpu Stainless, Inc., Plate Products had applied for a permit modification to revise the parametric monitoring requirements for the wet scrubber used to control emissions from the 120" Line Pickling and the Main Bay Spray Pickling Line and the baghouses controlling the 120 " Line Shot blaster, Wheelabrator shotblaster and the ASBF shotblaster. In addition, preconstruction emission limitations, testing requirements, monitoring requirements and reporting requirements for the 120" Pickling Line have been removed because the modification has been completed. Lastly, a testing requirement for the Wheelabrator shotblaster has been removed because the unit will be removed from service in 2009. The notice also stated that the OAQ proposed to issue a significant permit modification for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

Comments and Responses

No comments were received during the public notice period.

Additional Changes

IDEM, OAQ has decided to make additional revisions to the permit as described below, with deleted language as ~~strikeouts~~ and new language **bolded**.

Change #1

IDEM has decided to reference 326 IAC 2 in Section B - Source Modification Requirements, rather than the specific construction rule. Original Condition B.21 - Source Modification Requirement has been revised as shown below:

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

~~(a)~~ — A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and ~~326 IAC 2-7-10.5~~.

Change #2

Several of IDEM's Branches and Sections have been renamed. Therefore, IDEM has updated the addresses listed in the permit. All references to the Permit Administration and Development Section in the Permits Branch have been changed to Permit Administration and Support Section. All references to Asbestos Section, Compliance Data Section, Air Compliance Section, and Compliance Branch have been changed to Compliance and Enforcement Branch. The new addresses are shown below:

**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**

**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**

IDEM Contact

- (a) Questions regarding this proposed significant permit modification can be directed to David J. Matousek 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) 232-8253 or toll free at 1-800-451-6027 extension 2-8253.
- (b) A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

Indiana Department of Environmental Management Office of Air Quality

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

Source Description and Location

Source Name:	Outokumpu Stainless, Inc., Plate Products
Source Location:	549 West SR 38, New Castle, Indiana 47362
County:	Henry County
SIC Code:	3312
Operation Permit No.:	T 065-17992-00003
Operation Permit Issuance Date:	June 19, 2007
Significant Permit Modification No.:	065-27113-00003
Permit Reviewer:	David J. Matousek

Existing Approvals

The source was issued Part 70 Operating Permit No. T 065-17992-00003 on June 19, 2007. The source has since received the following approvals:

- (a) First Significant Source Modification No. 065-26100-00003, issued on July 1, 2008; and
- (b) First Significant Permit Modification No. 065-26242-00003; issued on July 17, 2008.

County Attainment Status

The source is located in Henry County.

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

- (a) Ozone Standards
 - (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
 - (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.
 - (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.

- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Henry 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
Henry County has been classified as attainment for PM2.5. On May 8, 2008, U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15th, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.
- (c) Other Criteria Pollutants
Henry County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) Fugitive Emissions
This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3; therefore, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Description of Proposed Modification

The Indiana Department of Environmental Management (IDEM), has received an application from Outokumpu Stainless, Inc., Plate Products, located at 549 West State Road 38, New Castle, Indiana 47632, for a significant modification of their Part 70 Operating Permit Renewal issued on June 19, 2007. If approved by IDEM's Office of Air Quality (OAQ), this proposed modification would allow Outokumpu Stainless, Inc., Plate Products to make certain changes at their existing source. Outokumpu Stainless, Inc., Plate Products has applied to revise the parametric monitoring requirements for the wet scrubber used to control emissions from the 120" Line Pickling and the Main Bay Spray Pickling Line and the baghouses controlling the 120" Line Shot blaster, Wheelabrator shotblaster and the ASBF shotblaster. In addition, preconstruction emission limitations, testing requirements, monitoring requirements and reporting requirements for the 120" Pickling Line have been removed because the modification has been completed. Lastly, a testing requirement for the Wheelabrator shotblaster has been removed because the unit will be removed from service in 2009.

This draft Part 70 Operating Permit does not contain any new equipment that would emit air pollutants; however, some conditions from previously issued permits/approvals have been corrected, changed or removed.

Enforcement Issues

There are no pending enforcement actions.

Permit Level Determination – Part 70

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

This source modification is not subject to 326 IAC 2-7-10.5; because, there is no increase in the potential to emit of any emission units. Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because of significant changes in existing Part 70 testing conditions for the Wheelabrator shotblaster.

Compliance Determination and Monitoring Requirements

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

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

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

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. T 065-17992-00003. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

Change #1

Section A.1 - General Information has been updated to reflect the correct mailing address of the responsible official. In addition, the source status has been revised to reflect the issuance of Significant Permit Modification No. 065-26242-00003 and the current status as minor under PSD rules. In addition, the mailing address of the source on each reporting form has been revised to reflect the mailing address shown in Section A.1. Revisions to Section A.1 are shown below:

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

The Permittee owns an operation of manufacturing rolled steel plates.

Source Address: 549 West State Road 38 New Castle Indiana 47632
Mailing Address: ~~549 West State Road 38 New Castle Indiana 47632~~
P.O. Box 370, New Castle, Indiana 47362-0370
General Source Phone Number: 765-529-0120

SIC Code: 3312
County Location: Henry
Source Location Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
~~Major Source, under PSD Rules (before modification)~~
~~Minor Source, under PSD Rules (after modification)~~
Major Source, Section 112 of the Clean Air Act
Not 1 of 28 Source Categories

Change #2

The emission unit description for the Wheelabrator shotblaster has been updated in Section A.2 and the facility description box in Section D.2. The current wording indicates it has already been replaced; however, this unit is still in operation. The Wheelabrator shotblaster will not be removed from service until sometime in 2009. Revisions to Condition A.2 are shown below:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

...

- (d) One (1) Wheelabrator shot blaster, installed in 1980 and with a maximum capacity of 36.0 tons per hour, using a baghouse as control device, and exhausting to stack B. ~~In 2008, the Wheelabrator shot blaster was replaced~~ **In 2009, the Wheelabrator shotblaster will be replaced** with the following:

One (1) ASBF Shotblaster, permitted in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a baghouse and exhausting to stack B.

The Wheelabrator shot blaster will be permanently shut down once the ASBF Shotblaster begins operation.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (c) One (1) 120" Line Shotblaster, installed in 1996, with a maximum capacity of 30 tons per hour, with emissions controlled by a baghouse and exhausting to stack C.
- (d) One (1) Wheelabrator shot blaster, installed in 1980 and with a maximum capacity of 36.0 tons per hour, using a baghouse as control device, and exhausting to stack B. ~~In 2008, the Wheelabrator shot blaster was replaced~~ **In 2009, the Wheelabrator shotblaster will be replaced** with the following:
- One (1) ASBF Shotblaster, permitted in 2008, with a maximum capacity of 36 tons per hour, with emissions controlled by a baghouse and exhausting to stack B.
- The Wheelabrator shot blaster will be permanently shut down once the ASBF Shotblaster begins operation.

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

Change #3

Section B.10 has been revised to allow additional time for Preventive Maintenance Plans to be prepared for newly installed equipment. Proposed revisions to Condition B.10 follow:

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) ~~The Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) for the source as described in 326 IAC 1-6-3. At a minimum, the PMPs shall include:~~ **The Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:**
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

Change #4

Condition B.21 has been updated due to the change in source status from major for PSD to minor for PSD. Condition B.21(b) does not apply to minor sources. Revisions to Condition B.21 are shown below:

B.21 Source Modification Requirement [326 IAC 2-7-10.5] [326 IAC 2-2-2]

- (a) ~~A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.~~
- (b) ~~Any modification at an existing major source is governed by the requirements of 326 IAC 2-2-2.~~

Change #5

Conditions C.18 and C.19 have been updated to remove references that apply to major sources.
Revisions to Conditions C.18 and C.19 are show below:

C.18 General Record Keeping Requirements[326 IAC 2-7-5(3)] [326 IAC 2-7-6] [~~326 IAC 2-2~~
~~326 IAC 2-3~~]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) ~~Prior to the modification and until the modifications are complete:~~
If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A), 40 CFR 51.165 (a)(6)(vi)(B), 40 CFR 51.166 (r)(6)(vi)(a), and/or 40 CFR 51.166 (r)(6)(vi)(b)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:
- (1) ~~Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, document and maintain the following records:~~
- (A) ~~A description of the project.~~
- (B) ~~Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.~~
- (C) ~~A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:~~
- (i) ~~Baseline actual emissions;~~
- (ii) ~~Projected actual emissions;~~
- (iii) ~~Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1 (mm)(2)(A)(iii); and~~
- (iv) ~~An explanation for why the amount was excluded, and any netting calculations, if applicable.~~
- (d) ~~Prior to the modification and until the modifications are complete:~~
If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A) and/or 40 CFR 51.166 (r)(6)(vi)(a)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions

~~increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:~~

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

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] ~~[326 IAC 2-2] [326 IAC 2-3]~~

-
- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
 - (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
 - (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
 - (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
 - (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
 - ~~(f) Prior to the modification and until the modifications are complete:
If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C — General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll) at an existing emissions unit other than an Electric Utility Steam Generating Unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:~~
 - ~~(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C — General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C — General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq), for that regulated NSR pollutant, and~~

~~(2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).~~

~~(g) Prior to the modification and until the modifications are complete: The report for a project at an existing emissions unit other than Electric Utility Steam Generating Unit shall be submitted within sixty (60) days after the end of the year and contain the following:~~

~~(1) The name, address, and telephone number of the major stationary source.~~

~~(2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.~~

~~(3) The emissions calculated under the actual-to-projected-actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(e)(3).~~

~~(4) Any other information that the Permittee deems fit to include in this report,~~

~~Reports required in this part shall be submitted to:~~

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

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

Change #6

Original Condition D.1.2 has been revised to remove D.1.2(a) because the modification to the 120" Pickling Line are complete and the emission limits are no longer applicable. Revisions to Condition D.1.2 are shown below:

D.1.2 PSD Minor Limit [326 IAC 2-2]

~~(a) Until the modifications to the 120" Pickling Line are complete:~~

~~(1) The input of metal processed in 120" line pickling shall be limited to less than 151,500 tons per twelve (12) consecutive month period with compliance determined at the end of each month.~~

~~(2) The NO_x emission rate from the 120" line pickling shall not exceed 3.0 pounds per ton of material processed.~~

~~(3) The PM emissions from the 120" line pickling shall not exceed 2.00 pounds per ton of material processed.~~

~~(4) The PM₁₀ emissions from the 120" line pickling shall not exceed 2.00 pounds per ton of material processed.~~

~~Compliance with the above emission limits in combination with Condition D.2.4 and potential emissions of PM, PM₁₀, and NO_x from 120" line boiler and 120" line annealing furnace shall keep the PM, PM₁₀, and NO_x emissions from the 1996 source modification to less than 250 tons per year, each, and shall render 326 IAC 2-2 (PSD) not applicable to the 1996 source modification.~~

~~(ab) After the modifications to the 120" Pickling Line are complete~~ **The 120" Pickling Line shall comply with the following emission limits:**

- (1) The input of metal processed in 120" Line Pickling shall be limited to less than 158,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (2) The NO_x emission rate from the 120" Line Pickling shall not exceed 1.20 pounds per ton of material processed.
- (3) The PM emissions from the 120" Line Pickling shall not exceed 0.875 pounds per ton of material processed.
- (4) The PM₁₀ emissions from the 120" Line Pickling shall not exceed 1.075 pounds per ton of material processed.

~~(be) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:~~

- (1) The input of metal processed in Main Bay Spray Pickling shall not exceed 75,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (2) The NO_x emission rate from the Main Bay Spray Pickling shall not exceed 1.20 pounds per ton of material processed.
- (3) The PM emissions from the Main Bay Spray Pickling shall not exceed 0.875 pounds per ton of material processed.
- (4) The PM₁₀ emissions from the Main Bay Spray Pickling shall not exceed 1.075 pounds per ton of material processed.

Compliance with the emission limits in ~~(ab)~~ and ~~(be)~~ and Condition D.2.2 combined with the potential to emit NO_x, PM, and PM₁₀ emissions from all other equipment at this source will limit the potential to emit from this modification and the entire source to less than two hundred fifty (250) tons per year, each. Therefore the requirements of 326 IAC 2-2 (PSD) are not applicable to the source.

Change #7

Original Condition D.1.3 has been revised to update the condition references to Condition D.1.2. The updates are required due to the removal of Condition D.1.2(a) and the renumbering of all remaining conditions. Revisions to Condition D.1.3 are shown below:

D.1.3 HAP Minor Limit [326 IAC 2-4.1]

After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line, and pursuant to source modification 065-26100-00003 and 326 IAC 2-4.1, the HF emission rate from the Main Bay Spray Pickling Line shall not exceed 0.264 pounds per ton of material processed.

Compliance with this emission limit and Condition D.1.2~~(ab)~~(1) will limit the potential to emit from the Main Bay Spray Pickling Line to less than ten (10) tons per year of any single HAP and less than twenty-five (25) tons per year of any combination of HAPs. Therefore the requirements of 326 IAC 2-4.1 do not apply to the Main Bay Spray Pickling Line.

Change #8

Original Condition D.1.4 has been revised to remove preconstruction testing requirements related to the 120" Pickling Line. The testing requirements no longer apply because the modification has been completed. Also, condition references have been updated due to the removal of Condition D.1.2(a) described in Change #5. Revisions to original Condition D.1.4 are shown below:

D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

- (a) ~~Until the modifications to the 120" Pickling Line are complete:~~
In order to determine compliance with Condition D.1.2(a), the Permittee shall perform PM, PM₁₀, and NO_x emissions stack test for 120" line pickling without control before September 22, 2009, utilizing the methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.
- (ba) ~~After the modifications to the 120" Pickling Line are complete:~~
Within 180 days after startup of the modified 120" Pickling Line, in order to determine compliance with Condition D.1.2(ba), the Permittee shall perform NO_x, PM, and PM₁₀ emissions stack testing utilizing the methods as approved by the Commissioner. **PM₁₀ includes filterable and condensable PM₁₀. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration.**
- (eb) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line: Within 180 days after startup of the modified Main Bay Spray Pickling Line, in order to determine compliance with Condition D.1.2(eb), and Condition D.1.3, the Permittee shall perform HF, NO_x, PM, and PM₁₀ emissions stack testing utilizing the methods as approved by the Commissioner. **PM₁₀ includes filterable and condensable PM₁₀. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration.**
- (c) ~~This testing shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.~~

Change #9

Original Condition D.1.5(a) has been revised to reflect the completion of the modification to the 120" Pickling Line. Revisions to Condition D.1.5(a) are shown below:

D.1.5 HF, NO_x, PM, and PM₁₀ Controls

- (a) ~~After the modifications to the 120" Pickling Line are complete:~~
The Permittee shall operate the wet scrubber controlling the NO_x, PM, and PM₁₀ emissions from the 120" Line Pickling at all times that the 120" Line Pickling is in operation.
- (b) After the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line: The Permittee shall operate the wet scrubber controlling the HF, NO_x, PM, and PM₁₀ emissions from the Main Bay Spray Pickling Line at all times that the Main Bay Spray Pickling Line is in operation.

Change #10

Original Condition D.1.6 has been revised to remove preconstruction requirements for the 120" Pickling Line. The requirements are now obsolete. Revisions to Condition D.1.6 are shown below:

D.1.6 Visible Emissions Notations

- (a) ~~Until the modifications to the 120" Pickling Line are complete:
Visible emission notations of the 120" line pickling stack exhaust shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.~~

~~After the modifications to the 120" Pickling Line are complete and the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:~~

~~Visible emission notations of the 120" Line Pickling stack E exhaust and the Main Bay Spray Pickling Line stack F exhaust shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.~~

...

Change #11

Original Condition D.1.7 has been revised to remove preconstruction requirements for the 120" Pickling Line. Also, conditions references have been updated due to revisions in Condition D.1.2. Lastly, original Conditions D.1.7(a) and (b) have been revised to update the parametric monitoring requirements by replacing the word record with monitor. This condition relates to monitoring requirements and record keeping requirements that are already included in Condition D.1.9. Therefore, Condition D.1.7 should reference monitoring. Revisions to Condition D.1.7 are shown below:

D.1.7 Parametric Monitoring

~~After the modifications to the 120" Pickling Line are complete and the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:~~

- (a) In order to comply with Condition D.1.1 and D.1.2(~~ba~~), the Permittee shall ~~record~~ **monitor** the flow rate of the wet scrubber controlling the 120" Line Pickling at least once per day when the line is in operation.
- (b) In order to comply with Condition D.1.1 and D.1.2(~~cb~~), the Permittee shall ~~record~~ **monitor** the flow rate of the wet scrubber controlling the Main Bay Spray Pickling Line at least once per day when the line is in operation.

...

Change #12

Original Condition D.1.8 has been revised to remove preconstruction requirements for the 120" Pickling Line. No other changes are proposed. Revisions to original Condition D.1.8 are shown below:

D.1.8 Scrubber Failure Detection

~~After the modifications to the 120" Pickling Line are complete and the Batch Pickling Line is modified to become the Main Bay Spray Pickling Line:~~

In the event that scrubber failure has been observed, the failed scrubber 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).

Change #13

In accordance with Conditions D.1.7(a) and (b), the Permittee is required to record the water flow rate of the wet scrubbers for the 120" Pickling Line and the Main Bay Spray Pickling Line; however, there is not a corresponding record keeping requirement. Original Condition D.1.9 has been modified to add these record keeping requirements. Finally, all references to original Condition D.1.2 have been updated. Revised Condition D.1.9 follows:

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.6, the Permittee shall maintain a daily record of visible emission notations of 120" Line Pickling stack E exhaust and the Main Bay Spray Pickling Line stack F exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation, ~~(i.e.,~~ **e.g.** the process did not operate that day).
- (b) To document compliance with condition D.1.2 (a)(1), **and** (b)(1), ~~and (c)(1)~~, the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with metal usage limits established in D.1.2 (a)(1), **and** (b)(1), ~~and (c)(1)~~.
 - (1) Calendar dates covered in the compliance determination period; and
 - (2) Actual metal throughput since last compliance determination period.
- (c) **To document compliance with Condition D.1.7(a), the Permittee shall maintain a daily record of the flow rate of the wet scrubber controlling the 120" Line Pickling line. The Permittee shall include in its daily record when a flow rate notation is not taken and the reason for the lack of a flow rate reading (e.g. the process did not operate that day).**
- (d) **To document compliance with Condition D.1.7(b), the Permittee shall maintain a daily record of the flow rate of the wet scrubber controlling the 120" Line Pickling line. The Permittee shall include in its daily record when a flow rate notation is not taken and the reason for the lack of a flow rate reading (e.g. the process did not operate that day).**
- (ee) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Change #14

Original Condition D.1.10 has been revised to update condition references to Condition D.1.2. Revisions to original Condition D.1.10 are shown below:

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2 (a)(1), **and** (b)(1), ~~and (c)(1)~~ shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of the permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Change #15

Original Condition D.2.2 has been revised to remove Condition D.2.2(b). These emission limits are no longer necessary because modifications to the 120" Line Shotblaster are complete. All remaining conditions have been renumbered. Revisions to original Condition D.2.2 are shown below:

D.2.2 PSD Minor Limit [326 IAC 2-2]

(a) Until the Wheelabrator Shotblaster is permanently shutdown:

- (1) The PM emissions from the Wheelabrator shotblaster shall not exceed 41.42 pounds per hour.
- (2) The PM₁₀ emissions from the Wheelabrator shotblaster shall not exceed 41.42 pounds per hour.

Compliance with above limits shall render 326 IAC 2-2 (PSD) not applicable to the Wheelabrator shotblaster installed in 1994.

~~(b) Until the modifications to the 120" Line Shotblaster are complete:~~

- ~~(1) The PM emissions from the 120" line shotblaster shall not exceed 21.88 pounds per hour.~~
- ~~(2) The PM₁₀ emissions from the 120" line shotblaster shall not exceed 21.88 pounds per hour.~~

~~Compliance with above limits in combination with Condition D.1.2, shall keep PM and PM₁₀ emissions from the 1996 source modification to less than 250 tons per year, each, and shall render 326 IAC 2-2 (PSD) not applicable to the 1996 source modification.~~

(eb) ~~After the modifications to the 120" Line Shotblaster are complete~~ **The 120" Line Shotblaster shall comply with the following emission limitations:**

- (1) The PM emissions from the 120" Line Shotblaster shall not exceed 7.5 pounds per hour.
- (2) The PM₁₀ emissions from the 120" Line Shotblaster shall not exceed 7.5 pounds per hour.

(ec) After installation of the ASBF Shotblaster:

- (1) The metal throughput to the ASBF Shotblaster shall not exceed 75,000 tons per 12 consecutive month period with compliance determined at the end of each month.
- (2) The PM emissions from the ASBF Shotblaster shall not exceed 2.21 pounds per ton.
- (3) The PM₁₀ emissions from the ASBF Shotblaster shall not exceed 1.62 pounds per ton.

Compliance with the emission limits in (eb) and (ec) above and Condition D.1.2 combined with the potential to emit NO_x, PM, and PM₁₀ emissions from all other equipment at this source will limit the potential to emit from this modification and the entire source to less than two hundred fifty (250) tons per year, each. Therefore the requirements of 326 IAC 2-2 (PSD) are not applicable to the source.

Change #16

IDEM has determined that Original Condition D.2.4(b) is no longer required. This emission unit will be removed from service during 2009. In addition, all references to Condition D.2.2 have been revised to reflect the removal of Condition D.2.2(b). Revisions to Condition D.2.4 are shown below:

D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

~~(a)~~ In order to determine compliance with Conditions D.2.1 and D.2.2 (b) ~~and (c)~~, the Permittee shall perform PM and PM₁₀ emissions stack testing for 120" Line Shotblaster by September 22, 2009, utilizing the methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.

~~(b)~~ ~~Until the Wheelabrator Shotblaster is permanently shutdown:~~
In order to determine compliance with Conditions D.2.1 and D.2.2(a), the Permittee shall perform PM and PM₁₀ emission stack testing for Wheelabrator shotblaster, utilizing the methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.

Change #17

Original Condition D.2.5 has been revised to include the applicable rule citation for 40 CFR 64 (CAM) requirements. Revisions to Condition D.2.5 are shown below:

D.2.5 Visible Emissions Notations [40 CFR 64]

...

Change #18

Original Condition D.2.6 has been revised to better reflect the intent of the condition. Conditions D.2.6(a) and (b) have been revised to replace the word record with monitor. Condition D.2.6 is a monitoring condition and the actual requirement to record the baghouse pressure drops is included in Condition D.2.8. In addition, all references to Condition D.2.2 have been updated.

D.2.6 Parametric Monitoring [40 CFR 64]

(a) Pursuant to 40 CFR 64 (CAM) and in order to comply with Conditions D.2.1 and D.2.2 (a), ~~and (b), and (c)~~, the Permittee shall ~~record~~ **monitor** the pressure drop across each of the baghouses used in conjunction with the 120" Line Shotblaster line shot blaster, and Wheelabrator shot blaster (until the Wheelabrator Shotblaster is permanently shutdown), at least once per day when the process is in operation.

(b) After installation of the ASBF Shotblaster: In order to comply with Conditions D.2.1 and D.2.2(~~dc~~), the Permittee shall ~~record~~ **monitor** the pressure drop across the baghouse used in conjunction with the ASBF Shotblaster at least once per day when the process is in operation.

...

Change #19

Original Condition D.2.9 has been revised to update the references to original Condition D.2.2. Revisions to Condition D.2.9 are shown below:

D.2.9 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.2(~~dc~~)(1) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting form located at the end of the permit, or its equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Change #20

326 IAC 6-1 has been recodified. The rule provisions were incorporated into two articles, 326 IAC 6.5 and 326 IAC 6.8. All non-Lake County PM limitations, formerly listed in 326 IAC 6-1, have been moved to 326 IAC 6.5 and all Lake County PM limitations, formerly listed in 326 IAC 6-1, have been moved to 326 IAC 6.8. The new articles were published in September 1, 2005 Indiana Register and 326 IAC 6-1 has been repealed. Therefore, original Conditions D.4.2 has been modified to reflect these changes. The revised condition follows:

D.4.2 Particulate Emission Limitations for Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2(e)]

Pursuant to 326 IAC 6-3-2(e), the allowable particulate emissions rate from any process not already regulated by 326 IAC ~~6-4~~ **6.5, 326 IAC 6.8** or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

These include the brazing equipment, cutting torches, soldering equipment, welding equipment, walk behind grinder, belt grinders, plasma torch cutters, shears, and lime storage silo.

Change #21

The quarterly reporting forms for the 120" Line Pickling line have been revised. The form to document metal throughput before modification has been deleted. The form to document metal throughput has been revised to remove the phrase "after modification." Revisions to the two reporting forms are shown below:

~~INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT~~ ~~OFFICE OF AIR QUALITY~~ ~~COMPLIANCE DATA SECTION~~

~~Part 70 Quarterly Report~~

Source Name: _____ Outokumpu Stainless, Inc.
Source Address: _____ 549 West State Road 38, New Castle, IN 47362
Mailing Address: _____ P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: _____ T 065 17992 00003
Facility: _____ 120" Line Pickling (prior to modifications)
Parameter: _____ Metal throughput rate at 120" Line Pickling
Limit: _____ Metal processed rate at 120" Line Pickling shall not exceed 151,500 tons per twelve (12) consecutive month period

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Outokumpu Stainless, Inc.
Source Address: 549 West State Road 38, New Castle, IN 47362
Mailing Address: P.O. Box 370, New Castle, Indiana 47362-0370
Part 70 Permit No.: T 065-17992-00003
Facility: 120" Line Pickling ~~(after modifications are complete)~~
Parameter: Metal throughput rate at 120" Line Pickling
Limit: Metal processed rate at 120" Line Pickling shall not exceed 158,000 tons per twelve (12) consecutive month period

Conclusion and Recommendation

This proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification. The staff recommends to the Commissioner that this Part 70 Significant Permit Modification be approved.