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: August 19, 2008

RE: MPI Indiana Fineblanking / 149-26803-00025

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

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot12/3/07

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Ms. Sarah Shidler
MPI Indiana Fineblanking
1200 Klockner Drive
Knox, IN 46534

August 19, 2008

Re: Registration Notice-Only Change
No. 149-26803-00025

Dear Ms. Shidler:

MPI Indiana Fineblanking was issued Registration No. R149-16942-00025 on June 6, 2003 for a stationary metal components fineblanking facility located at 1200 Klockner Drive, Knox, Indiana 46534. A letter notifying the Office of Air Quality of a notice-only change to the registration was received on July 25, 2008.

The changes involve removing the following existing equipment:

(a) Four (4) fineblank presses, identified as 161, 718, 1208 and 1209.

The changes also involve adding the following new equipment:

(a) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(b) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(c) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

Pursuant to 326 IAC 2-5.5-6(d)(12), the registration is hereby revised as described in the attached Technical Support Document.

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration. A copy of the registration is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mehul Sura, at (800) 451-6027, press 0 and ask for Mehul Sura or extension 4-5377, or dial (317) 234-5377.

Sincerely/Original Signed By:

Iryn Calilung,
Section Chief
Office of Air Quality

mns

Attachments: Modified Registration
Technical Support Document

cc: File - Starke County
Starke County Health Department
Air Compliance Section
IDEM Northern Regional Office
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section

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REGISTRATION
OFFICE OF AIR QUALITY

MPI Indiana Fineblanking
1200 Klockner Drive
Knox, Indiana 46534

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. 149-16942-00025	
Original Issued by: Paul Dubenetzky, Chief Permits Branch Office of Air Quality	Issuance Date: June 12, 2003

First Registration Revision No.: 149-18213-00025, issued February 4, 2004
Second Registration Revision No.: 149-22957-00025, issued July 5, 2006
Third Registration Revision No.: 149-23928-00025, issued March 12, 2007
First Notice-Only Change No.: 149-24766-00025, issued June 29, 2007
Second Notice-Only Change No.: 149-25233-00025, issued October 16, 2007

Third Notice-Only Change No.: 149-26803-00025	
Issued by/Original Signed By: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: August 19, 2008

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SECTION A SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant 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 Registrant to obtain additional permits pursuant to 326 IAC 2.

A.1 General Information

The Registrant owns and operates a stationary metal components fineblanking source.

Source Address:	1200 Klockner Drive, Knox, Indiana 46534
Mailing Address:	1200 Klockner Drive, Knox, Indiana 46534
General Source Phone Number:	(574) 772-3850
SIC Code:	3469
County Location:	Starke
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

A.2 Emission Units and Pollution Control Equipment Summary

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

(a) Two (2) fineblank presses, identified as 1227 and 1228, constructed in 2004, with a total maximum capacity of 1,288 pounds per hour.

(b) One (1) finishing line, identified as 13995, constructed in 2004, with a maximum capacity of 348 pounds per hour fineblanked components.

(c) One (1) natural gas-fired SMT washer, identified as 13181, constructed in 2004, with a heat input capacity of 0.90 million British thermal units per hour (mmBtu/hr), with 250 gallon capacity, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(d) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, consisting of:

(1) Eight (8) natural gas-fired Cincinnati washers, identified as #13091 (1.5 mmBtu/hr), #1309 (1.9 mmBtu/hr), #13191 (1.9 mmBtu/hr), #13192(0.8 mmBtu/hr), #13194 (2.0 mmBtu/hr), #13195 (0.9 mmBtu/hr), #13198 (2.0 mmBtu/hr), #13199 (2.9 mmBtu/hr), all constructed in 2003, with a total maximum heat input capacity of 13.9 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) One (1) natural gas-fired space heater, constructed in 2003, with a maximum heat input capacity of 1.565 mmBtu/hr.

(3) One (1) natural gas-fired dryer, constructed in 2003, with a maximum heat input capacity of 1.0 mmBtu/hr.

(4) Three (3) natural gas-fired ovens for heat treatment, identified as #14260 (2.9 mmBtu/hr), #14261 (0.5 mmBtu/hr), and #14262 (0.5 mmBtu/hr), all constructed in 2003.

(5) One (1) natural gas-fired Lakeview E-600 wastewater evaporator, constructed in 2003, with a maximum heat input capacity of 0.86 mmBtu/hr, processing 869 pounds of wastewater per hour.

(6) One (1) air make-up system, identified as #12901, constructed in 2003, with a maximum heat input capacity of 4.4 mmBtu/hr.

(e) Nine (9) fineblank presses, identified as 1215, 1216, 1221, 1223, 1225, 1226, 12101, 12151, 12153, all constructed in 2003, with a maximum processing capacity of 30,000 pounds per hour of steel.

(f) Two (2) finishing lines, identified as 1399 and 13994, both constructed in 2003, including the following emission units and pollution control equipment:

(1) Line 1399: One (1) 225 gallon Cincinnati washer (included in combustion units), using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13994: equipped with one (1) belt sander with a capacity of 1038 pounds per hour of fineblanked products and one (1) 250 gallon electric washer, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(g) Two (2) belt sanders, both constructed in 2003, each with a capacity of processing 5190 pounds per hour of fineblanked products.

(h) One (1) DDG process line for wet grinding of fineblanked products, constructed in 2003, with a processing capacity of 600 pounds per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(i) One (1) process line identified as 2812 cell, with a DD rough (wet) grinding system, TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 600 pounds per hour of fineblanked components.

(j) Two (2) above ground vertical storage tanks for storing used oil, constructed in 2003, each with a storage capacity of 2000 gallons, with an annual throughput of 12,500 gal/yr (each).

(k) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 1, constructed in 2003, consisting of two stations.

(l) Three (3) finishing lines, identified as 13991, 13992, and 13993, all constructed in 2003, processing a total of 900 pounds per hour of fineblanked products, consisting of:

(1) Line 13991, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13992, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) Line 13993, equipped with a wet belt sander, with a capacity of 1038 pounds per

hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(m) One (1) process line identified as FCC (formerly identified as Jaytec), with TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 750 pounds per hour of fineblanked components.

(n) Two (2) fineblank presses, identified as 1228 and 12156, constructed in 2006, with a total maximum capacity of 1,288 pounds per hour.

(o) One (1) finishing line, identified as 13996, constructed in 2006, processing a total of 348 pounds per hour of fineblanked products, equipped with one (1) belt sander with a capacity of 348 pounds per hour of fineblanked products, using no controls and exhausting inside the building.

(p) One (1) natural gas-fired Midbrook washer, used with line 13996, constructed in 2006, with a maximum heat input capacity of 0.80 MMBtu per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs, and exhausting at stack S-17.

(q) One (1) Speed FAM Wet Grinder for wet grinding of fineblanked products, identified as 13400, constructed in 2006, with a maximum throughput of 343 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(r) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 2, constructed in 2003, consisting of two stations.

(s) One (1) above ground storage tank for storing hydraulic oil, constructed in 2006, each with a storage capacity of 2,400 gallons, with an annual throughput of 12,000 gal/yr.

(t) The following VOC and HAP storage containers: storing lubricating oils, hydraulic oils, machining oils, or machining fluids.

(u) Machining where an aqueous cutting coolant continuously floods the machining interface.

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

(w) Paved and unpaved roads and parking lots with public access.

(x) One (1) finishing line, identified as 13997, approved for construction in 2007, with a maximum capacity of 428 pounds per hour fineblanked components.

(1) One (1) fineblank presse, identified as 12100, approved for construction in 2007, with a maximum capacity of 2,040 pounds per hour.

(2) One (1) dampner plate line, identified as DPL 1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(3) One (1) oil dam machining cell, identified as ODML1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(y) One (1) valve body line, identified as 13220, approved for construction in 2007, with a

maximum capacity of 2,150 pounds per hour.

(z) One (1) natural gas-fired oven for heat treatment, identified as #14263 (0.5 mmBtu/hr), approved for construction in 2007.

(aa) Two (2) fineblank presses, identified as 723 and 1204, approved for construction in 2007, with a total maximum capacity of 1,072 pounds per hour.

(bb) Two (2) fineblank presses, identified as 151 and 163, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(cc) One (1) GMPT Cell, identified as GMPT, approved for construction in 2007, with a maximum capacity of 1,585 pounds per hour fineblanked components, consisting of:

(1) Two (2) fineblank presses, identified as 164 and 165, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(2) Two (2) wet belt sanders, approved for construction in 2007, each with a capacity of processing 5190 pounds per hour of fineblanked products, uncontrolled and using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) One (1) natural gas-fired Cincinnati washer, identified as S-23, approved for construction in 2007, with a total maximum heat input capacity of 0.80 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(dd) One (1) IMATEC Wet Grinder for wet grinding of fineblanked products, identified as IMATE, approved for construction in 2007, with a maximum throughput of 191 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(ee) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(ff) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(gg) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

SECTION B GENERAL CONDITIONS

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

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

B.2 Effective Date of Registration [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

B.3 Registration Revocation [326 IAC 2-1.1-9]

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

(a) Violation of any conditions of this registration.

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

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

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

B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to Registration No. 149-16942-00025 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

(a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.

(b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, IN 46204-2251

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

B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

B.7 Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

C.1 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 registration:

(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.2 Fugitive Dust Emissions [326 IAC 6-4]

The Registrant 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).

SECTION D.1 OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

(a) Two (2) fineblank presses, identified as 1227 and 1228, constructed in 2004, with a total maximum capacity of 1,288 pounds per hour.

(b) One (1) finishing line, identified as 13995, constructed in 2004, with a maximum capacity of 348 pounds per hour fineblanked components.

(c) One (1) natural gas-fired SMT washer, identified as 13181, constructed in 2004, with a heat input capacity of 0.90 million British thermal units per hour (mmBtu/hr), with 250 gallon capacity, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(d) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, consisting of:

(1) Eight (8) natural gas-fired Cincinnati washers, identified as #13091 (1.5 mmBtu/hr), #1309 (1.9 mmBtu/hr), #13191 (1.9 mmBtu/hr), #13192(0.8 mmBtu/hr), #13194 (2.0 mmBtu/hr), #13195 (0.9 mmBtu/hr), #13198 (2.0 mmBtu/hr), #13199 (2.9 mmBtu/hr), all constructed in 2003, with a total maximum heat input capacity of 13.9 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) One (1) natural gas-fired space heater, constructed in 2003, with a maximum heat input capacity of 1.565 mmBtu/hr.

(3) One (1) natural gas-fired dryer, constructed in 2003, with a maximum heat input capacity of 1.0 mmBtu/hr.

(4) Three (3) natural gas-fired ovens for heat treatment, identified as #14260 (2.9 mmBtu/hr), #14261 (0.5 mmBtu/hr), and #14262 (0.5 mmBtu/hr), all constructed in 2003.

(5) One (1) natural gas-fired Lakeview E-600 wastewater evaporator, constructed in 2003, with a maximum heat input capacity of 0.86 mmBtu/hr, processing 869 pounds of wastewater per hour.

(6) One (1) air make-up system, identified as #12901, constructed in 2003, with a maximum heat input capacity of 4.4 mmBtu/hr.

(e) Nine (9) fineblank presses, identified as 1215, 1216, 1221, 1223, 1225, 1226, 12101, 12151, 12153, all constructed in 2003, with a maximum processing capacity of 30,000 pounds per hour of steel.

(f) Two (2) finishing lines, identified as 1399 and 13994, both constructed in 2003, including the following emission units and pollution control equipment:

(1) Line 1399: One (1) 225 gallon Cincinnati washer (included in combustion units), using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13994: equipped with one (1) belt sander with a capacity of 1038 pounds per hour

of fineblanked products and one (1) 250 gallon electric washer, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(g) Two (2) belt sanders, both constructed in 2003, each with a capacity of processing 5190 pounds per hour of fineblanked products.

(h) One (1) DDG process line for wet grinding of fineblanked products, constructed in 2003, with a processing capacity of 600 pounds per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(i) One (1) process line identified as 2812 cell, with a DD rough (wet) grinding system, TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 600 pounds per hour of fineblanked components.

(j) Two (2) above ground vertical storage tanks for storing used oil, constructed in 2003, each with a storage capacity of 2000 gallons, with an annual throughput of 12,500 gal/yr (each).

(k) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 1, constructed in 2003, consisting of two stations.

(l) Three (3) finishing lines, identified as 13991, 13992, and 13993, all constructed in 2003, processing a total of 900 pounds per hour of fineblanked products, consisting of:

(1) Line 13991, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13992, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) Line 13993, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(m) One (1) process line identified as FCC (formerly identified as Jaytec), with TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 750 pounds per hour of fineblanked components.

(n) Two (2) fineblank presses, identified as 1228 and 12156, constructed in 2006, with a total maximum capacity of 1,288 pounds per hour.

(o) One (1) finishing line, identified as 13996, constructed in 2006, processing a total of 348 pounds per hour of fineblanked products, equipped with one (1) belt sander with a capacity of 348 pounds per hour of fineblanked products, using no controls and exhausting inside the building.

(p) One (1) natural gas-fired Midbrook washer, used with line 13996, constructed in 2006, with a maximum heat input capacity of 0.80 MMBtu per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs, and exhausting at stack S-17.

(q) One (1) Speed FAM Wet Grinder for wet grinding of fineblanked products, identified as 13400, constructed in 2006, with a maximum throughput of 343 pounds per hour of fineblanked

products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(r) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 2, constructed in 2003, consisting of two stations.

(s) One (1) above ground storage tank for storing hydraulic oil, constructed in 2006, each with a storage capacity of 2,400 gallons, with an annual throughput of 12,000 gal/yr.

(t) The following VOC and HAP storage containers: storing lubricating oils, hydraulic oils, machining oils, or machining fluids.

(u) Machining where an aqueous cutting coolant continuously floods the machining interface.

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

(w) Paved and unpaved roads and parking lots with public access.

(x) One (1) finishing line, identified as 13997, approved for construction in 2007, with a maximum capacity of 428 pounds per hour fineblanked components.

(1) One (1) fineblank presse, identified as 12100, approved for construction in 2007, with a maximum capacity of 2,040 pounds per hour.

(2) One (1) dampner plate line, identified as DPL 1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(3) One (1) oil dam machining cell, identified as ODML1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(y) One (1) valve body line, identified as 13220, approved for construction in 2007, with a maximum capacity of 2,150 pounds per hour.

(z) One (1) natural gas-fired oven for heat treatment, identified as #14263 (0.5 mmBtu/hr), approved for construction in 2007.

(aa) Two (2) fineblank presses, identified as 723 and 1204, approved for construction in 2007, with a total maximum capacity of 1,072 pounds per hour.

(bb) Two (2) fineblank presses, identified as 151 and 163, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(cc) One (1) GMPT Cell, identified as GMPT, approved for construction in 2007, with a maximum capacity of 1,585 pounds per hour fineblanked components, consisting of:

(1) Two (2) fineblank presses, identified as 164 and 165, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(2) Two (2) wet belt sanders, approved for construction in 2007, each with a capacity of processing 5190 pounds per hour of fineblanked products, uncontrolled and using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) One (1) natural gas-fired Cincinnati washer, identified as S-23, approved for construction in 2007, with a total maximum heat input capacity of 0.80 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(dd) One (1) IMATEC Wet Grinder for wet grinding of fineblanked products, identified as IMATE, approved for construction in 2007, with a maximum throughput of 191 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(ee) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(ff) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(gg) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.1.1 VOC [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for each of the natural gas-fired, SMT washer (13181), the natural gas-fired, Cincinnati washers (13091,1309, 13191, 13192, 13194, 13195, 13198, 13199, 1399,and S-23), 250 gallon electric washer (13994), and the Midbrook washer (13996), the owner or operator 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 operating 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.1.2 VOC [326 IAC 8-3-5]

Pursuant to 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control), for each of the natural gas-fired, SMT washer (13181), the natural gas-fired, Cincinnati washers (13091,1309, 13191, 13192, 13194, 13195, 13198, 13199, 1399,and S-23), 250 gallon electric washer (13994), and the Midbrook washer (13996), the owner or operator shall:

(a) 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°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in 326 IAC 8-3-5(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°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

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

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

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

(b) 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 unit dripping ceases.

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH

REGISTRATION
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

Company Name:	MPI Indiana Fineblanking
Address:	1200 Klockner Drive
City:	Knox, Indiana 46534
Phone Number:	(574) 772-3850
Registration No.:	149-16942-00025

I hereby certify that MPI Indiana Fineblanking is :
☐ still in operation.
☐ no longer in operation.

I hereby certify that MPI Indiana Fineblanking is :
☐ in compliance with the requirements of Registration No. 149-16942-00025.
☐ not in compliance with the requirements of Registration No. 149-16942-00025.

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

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

Noncompliance:

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Notice-Only Change to the Registration

Source Description and Location

Source Name:	**MPI Indiana Fineblanking**
Source Location:	**1200 Klockner Drive, Knox, Indiana 46534**
County:	**Starke**
SIC Code:	**3469**
Registration No.:	**R149-16942-00025**
Registration Issuance Date:	**June 12, 2003**
Notice-Only Change No.:	**149-26803-00025**
Registration Reviewer:	**Mehul Sura**

On July 25, 2008, the Office of Air Quality (OAQ) has received an application from MPI Indiana Fineblanking related to a modification to an existing stationary metal components fineblanking source.

Existing Approvals

The source was issued Registration No. R149-16942-00025 on June 12, 2003. The source has since received the following approvals:

(a) First Registration Revision No. 149-18213-00025, issued on February 4, 2004
(b) Second Registration Revision No. 149-22957-00025, issued on July 5, 2006
(c) Third Registration Revision No. 149-23928-00025, issued on March 12, 2007
(d) First Notice-Only Change No. 149-24766-00025, issued on June 29, 2007
(e) Second Notice-Only Change No. 149-25233-00025, issued on October 16, 2007

County Attainment Status

The source is located in Starke County.

Pollutant	Designations
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 PM2.5	

(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) 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. Starke 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
Starke 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
Starke County has been classified as attainment or unclassifiable in Indiana for SO_2, CO, O_3, PM10 and NOx. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

(a) The fugitive emissions of criteria pollutants and hazardous air pollutants are counted for calculating the potential to emit of the modification in order to determine the registration modification approval level.

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

Description of Modification

The Office of Air Quality (OAQ) has reviewed an application, submitted by MPI Indiana Fine blanking on July 25, 2008, relating to adding new equipment and removing old equipment.

The following is a list of the new equipment that has been added:

(a) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(b) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(c) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

The following is a list of the equipment that has been removed:

(a) Four (4) fineblank presses, identified as 161, 718, 1208 and 1209.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

(a) There are no emissions from the new fineblank presses, identified as 12103, 12104 and 1229; and coining presses, identified as 1208, 1209 and 1248.

(b) The VOC and HAPs emissions from the new finishing line, identified as 13998, are negligible.

Registration Modification Level Determination

The increase in the source-wide PTE of any of the criteria pollutants due to this modification is negligible. This modification will be incorporated into the registration through a notice-only change, as pursuant to 326 IAC 2-5.5-6(d)(12), because this modification consists of new equipment as described under 326 IAC 2-1.1-3(e)(1).

Federal Rule Applicability Determination

There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included due to this modification.

State Rule Applicability Determination

Volatile Organic Compound Rules (326 IAC 8) are not applicable to the new finishing line, identified as 13998, because it emits less than 15 pounds VOC per day.

There are no new state rules applicable to the source due to this modification.

Compliance Determination and Monitoring Requirements

There are no new compliance determination and monitoring requirements applicable to this modification.

Proposed Changes

The equipment list in the registration has been revised due to this modification. In addition, the registration language and format have been updated. The updated language has been shown as **bold** text as follows;

SECTION A SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant 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 Registrant to obtain additional permits pursuant to 326 IAC 2.

A.1 General Information

The Registrant owns and operates a stationary metal components fineblanking source.

Source Address:	**1200 Klockner Drive, Knox, Indiana 46534**
Mailing Address:	**1200 Klockner Drive, Knox, Indiana 46534**
General Source Phone Number:	**(574) 772-3850**
SIC Code:	**3469**
County Location:	**Starke**
Source Location Status:	**Attainment for all criteria pollutants**
Source Status:	**Registration**

A.2 Emission Units and Pollution Control Equipment Summary

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

(a) Two (2) fineblank presses, identified as 1227 and 1228, constructed in 2004, with a total maximum capacity of 1,288 pounds per hour.

(b) One (1) finishing line, identified as 13995, constructed in 2004, with a maximum capacity of 348 pounds per hour fineblanked components.

(c) One (1) natural gas-fired SMT washer, identified as 13181, constructed in 2004, with a heat input capacity of 0.90 million British thermal units per hour (mmBtu/hr), with 250 gallon capacity, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(d) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, consisting of:

(1) Eight (8) natural gas-fired Cincinnati washers, identified as #13091 (1.5 mmBtu/hr), #1309 (1.9 mmBtu/hr), #13191 (1.9 mmBtu/hr), #13192(0.8 mmBtu/hr), #13194 (2.0 mmBtu/hr), #13195 (0.9 mmBtu/hr), #13198 (2.0 mmBtu/hr), #13199 (2.9 mmBtu/hr), all constructed in 2003, with a total maximum heat input capacity of 13.9 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) One (1) natural gas-fired space heater, constructed in 2003, with a maximum heat input capacity of 1.565 mmBtu/hr.

(3) One (1) natural gas-fired dryer, constructed in 2003, with a maximum heat input capacity of 1.0 mmBtu/hr.

(4) Three (3) natural gas-fired ovens for heat treatment, identified as #14260 (2.9 mmBtu/hr), #14261 (0.5 mmBtu/hr), and #14262 (0.5 mmBtu/hr), all constructed in 2003.

(5) One (1) natural gas-fired Lakeview E-600 wastewater evaporator, constructed in 2003, with a maximum heat input capacity of 0.86 mmBtu/hr, processing 869 pounds of wastewater per hour.

(6) One (1) air make-up system, identified as #12901, constructed in 2003, with a maximum heat input capacity of 4.4 mmBtu/hr.

(e) Nine (9) fineblank presses, identified as 1215, 1216, 1221, 1223, 1225, 1226, 12101, 12151, 12153, all constructed in 2003, with a maximum processing capacity of 30,000 pounds per hour of steel.

(f) Two (2) finishing lines, identified as 1399 and 13994, both constructed in 2003, including the following emission units and pollution control equipment:

(1) Line 1399: One (1) 225 gallon Cincinnati washer (included in combustion units), using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13994: equipped with one (1) belt sander with a capacity of 1038 pounds per hour of fineblanked products and one (1) 250 gallon electric washer, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(g) Two (2) belt sanders, both constructed in 2003, each with a capacity of processing 5190 pounds per hour of fineblanked products.

(h) One (1) DDG process line for wet grinding of fineblanked products, constructed in 2003, with a processing capacity of 600 pounds per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(i) One (1) process line identified as 2812 cell, with a DD rough (wet) grinding system, TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 600 pounds per hour of fineblanked components.

(j) Two (2) above ground vertical storage tanks for storing used oil, constructed in 2003, each with a storage capacity of 2000 gallons, with an annual throughput of 12,500 gal/yr (each).

(k) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 1, constructed in 2003, consisting of two stations.

(l) Three (3) finishing lines, identified as 13991, 13992, and 13993, all constructed in 2003, processing a total of 900 pounds per hour of fineblanked products, consisting of:

(1) Line 13991, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13992, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) Line 13993, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(m) One (1) process line identified as FCC (formerly identified as Jaytec), with TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 750 pounds per hour of fineblanked components.

(n) Two (2) fineblank presses, identified as 1228 and 12156, constructed in 2006, with a total maximum capacity of 1,288 pounds per hour.

(o) One (1) finishing line, identified as 13996, constructed in 2006, processing a total of 348 pounds per hour of fineblanked products, equipped with one (1) belt sander with a capacity of 348 pounds per hour of fineblanked products, using no controls and exhausting inside the building.

(p) One (1) natural gas-fired Midbrook washer, used with line 13996, constructed in 2006, with a maximum heat input capacity of 0.80 MMBtu per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs, and exhausting at stack S-17.

(q) One (1) Speed FAM Wet Grinder for wet grinding of fineblanked products, identified as 13400, constructed in 2006, with a maximum throughput of 343 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(r) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 2, constructed in 2003, consisting of two stations.

(s) One (1) above ground storage tank for storing hydraulic oil, constructed in 2006, each with a storage capacity of 2,400 gallons, with an annual throughput of 12,000 gal/yr.

(t) The following VOC and HAP storage containers: storing lubricating oils, hydraulic oils, machining oils, or machining fluids.

(u) Machining where an aqueous cutting coolant continuously floods the machining interface.

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

(w) Paved and unpaved roads and parking lots with public access.

(x) One (1) finishing line, identified as 13997, approved for construction in 2007, with a maximum capacity of 428 pounds per hour fineblanked components.

(1) One (1) fineblank presse, identified as 12100, approved for construction in 2007, with a maximum capacity of 2,040 pounds per hour.

(2) One (1) dampner plate line, identified as DPL 1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(3) One (1) oil dam machining cell, identified as ODML1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(y) One (1) valve body line, identified as 13220, approved for construction in 2007, with a maximum capacity of 2,150 pounds per hour.

(z) One (1) natural gas-fired oven for heat treatment, identified as #14263 (0.5 mmBtu/hr), approved for construction in 2007.

(aa) Two (2) fineblank presses, identified as 723 and 1204, approved for construction in 2007, with a total maximum capacity of 1,072 pounds per hour.

(bb) Two (2) fineblank presses, identified as 151 and 163, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(cc) One (1) GMPT Cell, identified as GMPT, approved for construction in 2007, with a maximum capacity of 1,585 pounds per hour fineblanked components, consisting of:

(1) Two (2) fineblank presses, identified as 164 and 165, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(2) Two (2) wet belt sanders, approved for construction in 2007, each with a capacity of processing 5190 pounds per hour of fineblanked products, uncontrolled and using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) One (1) natural gas-fired Cincinnati washer, identified as S-23, approved for construction in 2007, with a total maximum heat input capacity of 0.80 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(dd) One (1) IMATEC Wet Grinder for wet grinding of fineblanked products, identified as IMATE, approved for construction in 2007, with a maximum throughput of 191 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(ee) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(ff) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(gg) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

SECTION B GENERAL CONDITIONS

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

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

B.2 Effective Date of Registration [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

B.3 Registration Revocation [326 IAC 2-1.1-9]

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

(a) Violation of any conditions of this registration.

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

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

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

B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to Registration No. 149-16942-00025 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

(a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.

(b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

**Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality**

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, IN 46204-2251

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

B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

B.7 Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

C.1 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 registration:

(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.2 Fugitive Dust Emissions [326 IAC 6-4]

The Registrant 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).

SECTION D.1 OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

(a) Two (2) fineblank presses, identified as 1227 and 1228, constructed in 2004, with a total maximum capacity of 1,288 pounds per hour.

(b) One (1) finishing line, identified as 13995, constructed in 2004, with a maximum capacity of 348 pounds per hour fineblanked components.

(c) One (1) natural gas-fired SMT washer, identified as 13181, constructed in 2004, with a heat input capacity of 0.90 million British thermal units per hour (mmBtu/hr), with 250 gallon capacity, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(d) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, consisting of:

(1) Eight (8) natural gas-fired Cincinnati washers, identified as #13091 (1.5 mmBtu/hr), #1309 (1.9 mmBtu/hr), #13191 (1.9 mmBtu/hr), #13192(0.8 mmBtu/hr), #13194 (2.0 mmBtu/hr), #13195 (0.9 mmBtu/hr), #13198 (2.0 mmBtu/hr), #13199 (2.9 mmBtu/hr), all constructed in 2003, with a total maximum heat input capacity of 13.9 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) One (1) natural gas-fired space heater, constructed in 2003, with a maximum heat input capacity of 1.565 mmBtu/hr.

(3) One (1) natural gas-fired dryer, constructed in 2003, with a maximum heat input capacity of 1.0 mmBtu/hr.

(4) Three (3) natural gas-fired ovens for heat treatment, identified as #14260 (2.9 mmBtu/hr), #14261 (0.5 mmBtu/hr), and #14262 (0.5 mmBtu/hr), all constructed in 2003.

(5) One (1) natural gas-fired Lakeview E-600 wastewater evaporator, constructed in 2003, with a maximum heat input capacity of 0.86 mmBtu/hr, processing 869 pounds of wastewater per hour.

(6) One (1) air make-up system, identified as #12901, constructed in 2003, with a maximum heat input capacity of 4.4 mmBtu/hr.

(e) Nine (9) fineblank presses, identified as 1215, 1216, 1221, 1223, 1225, 1226, 12101, 12151, 12153, all constructed in 2003, with a maximum processing capacity of 30,000 pounds per hour of steel.

(f) Two (2) finishing lines, identified as 1399 and 13994, both constructed in 2003, including the following emission units and pollution control equipment:

(1) Line 1399: One (1) 225 gallon Cincinnati washer (included in combustion units), using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13994: equipped with one (1) belt sander with a capacity of 1038 pounds per hour of fineblanked products and one (1) 250 gallon electric washer, using

aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(g) Two (2) belt sanders, both constructed in 2003, each with a capacity of processing 5190 pounds per hour of fineblanked products.

(h) One (1) DDG process line for wet grinding of fineblanked products, constructed in 2003, with a processing capacity of 600 pounds per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(i) One (1) process line identified as 2812 cell, with a DD rough (wet) grinding system, TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 600 pounds per hour of fineblanked components.

(j) Two (2) above ground vertical storage tanks for storing used oil, constructed in 2003, each with a storage capacity of 2000 gallons, with an annual throughput of 12,500 gal/yr (each).

(k) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 1, constructed in 2003, consisting of two stations.

(l) Three (3) finishing lines, identified as 13991, 13992, and 13993, all constructed in 2003, processing a total of 900 pounds per hour of fineblanked products, consisting of:

(1) Line 13991, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(2) Line 13992, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) Line 13993, equipped with a wet belt sander, with a capacity of 1038 pounds per hour of fineblanked products, using no particulate controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(m) One (1) process line identified as FCC (formerly identified as Jaytec), with TRT and lathes, constructed in 2003, equipped with a Dust Hog baghouse, processing 750 pounds per hour of fineblanked components.

(n) Two (2) fineblank presses, identified as 1228 and 12156, constructed in 2006, with a total maximum capacity of 1,288 pounds per hour.

(o) One (1) finishing line, identified as 13996, constructed in 2006, processing a total of 348 pounds per hour of fineblanked products, equipped with one (1) belt sander with a capacity of 348 pounds per hour of fineblanked products, using no controls and exhausting inside the building.

(p) One (1) natural gas-fired Midbrook washer, used with line 13996, constructed in 2006, with a maximum heat input capacity of 0.80 MMBtu per hour, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs, and exhausting at stack S-17.

(q) One (1) Speed FAM Wet Grinder for wet grinding of fineblanked products, identified as 13400, constructed in 2006, with a maximum throughput of 343 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(r) One (1) Metal Inert Gas (MIG) robotic welding operation, identified as 2, constructed in 2003, consisting of two stations.

(s) One (1) above ground storage tank for storing hydraulic oil, constructed in 2006, each with a storage capacity of 2,400 gallons, with an annual throughput of 12,000 gal/yr.

(t) The following VOC and HAP storage containers: storing lubricating oils, hydraulic oils, machining oils, or machining fluids.

(u) Machining where an aqueous cutting coolant continuously floods the machining interface.

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

(w) Paved and unpaved roads and parking lots with public access.

(x) One (1) finishing line, identified as 13997, approved for construction in 2007, with a maximum capacity of 428 pounds per hour fineblanked components.

(1) One (1) fineblank presse, identified as 12100, approved for construction in 2007, with a maximum capacity of 2,040 pounds per hour.

(2) One (1) dampner plate line, identified as DPL 1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(3) One (1) oil dam machining cell, identified as ODML1, approved for construction in 2007, with a maximum capacity of 1,850 pounds per hour.

(y) One (1) valve body line, identified as 13220, approved for construction in 2007, with a maximum capacity of 2,150 pounds per hour.

(z) One (1) natural gas-fired oven for heat treatment, identified as #14263 (0.5 mmBtu/hr), approved for construction in 2007.

(aa) Two (2) fineblank presses, identified as 723 and 1204, approved for construction in 2007, with a total maximum capacity of 1,072 pounds per hour.

(bb) Two (2) fineblank presses, identified as 151 and 163, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(cc) One (1) GMPT Cell, identified as GMPT, approved for construction in 2007, with a maximum capacity of 1,585 pounds per hour fineblanked components, consisting of:

(1) Two (2) fineblank presses, identified as 164 and 165, approved for construction in 2007, with a total maximum capacity of 3,776 pounds per hour.

(2) Two (2) wet belt sanders, approved for construction in 2007, each with a capacity of processing 5190 pounds per hour of fineblanked products,

uncontrolled and using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(3) One (1) natural gas-fired Cincinnati washer, identified as S-23, approved for construction in 2007, with a total maximum heat input capacity of 0.80 mmBtu/hr, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(dd) One (1) IMATEC Wet Grinder for wet grinding of fineblanked products, identified as IMATE, approved for construction in 2007, with a maximum throughput of 191 pounds per hour of fineblanked products, using no controls, using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.

(ee) Three (3) fineblank presses, identified as 12103, 12104 and 1229, each with a maximum processing capacity of 1,884 pounds per hour of steel and constructed in 2008.

(ff) Three (3) coining presses, identified as 1208, 1209 and 1248, with a total maximum processing capacity of 3,570 pounds per hour of steel and all constructed in 2008.

(gg) One (1) finishing line, identified as 13998, constructed in 2008, consists of one (1) electric FMT washer and dryer with a maximum processing capacity of 701 pounds per hour of steel, exhausting to stacks, identified as S-24 and S-25.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.1.1 VOC [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for each of the natural gas-fired, SMT washer (13181), the natural gas-fired, Cincinnati washers (13091,1309, 13191, 13192, 13194, 13195, 13198, 13199, 1399,and S-23), 250 gallon electric washer (13994), and the Midbrook washer (13996), the owner or operator 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 operating 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.1.2 VOC [326 IAC 8-3-5]

Pursuant to 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control), for each of the natural gas-fired, SMT washer (13181), the natural gas-fired, Cincinnati washers (13091,1309, 13191, 13192, 13194, 13195, 13198, 13199, 1399,and S-23), 250 gallon electric washer (13994), and the Midbrook washer (13996), the owner or operator shall:

(a) 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°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in 326 IAC 8-3-5(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°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

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

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

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

(b) 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 unit dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty

percent (20%) of the waste solvent by weight could evaporate.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH

REGISTRATION
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

Company Name:	**MPI Indiana Fineblanking**
Address:	**1200 Klockner Drive**
City:	**Knox, Indiana 46534**
Phone Number:	**(574) 772-3850**
Registration No.:	**149-16942-00025**

I hereby certify that MPI Indiana Fineblanking is :

- ☐ **still in operation.**
- ☐ **no longer in operation.**

I hereby certify that MPI Indiana Fineblanking is :

- ☐ **in compliance with the requirements of Registration No. 149-16942-00025.**
- ☐ **not in compliance with the requirements of Registration No. 149-16942-00025.**

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

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

Noncompliance:

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application submitted by the applicant. An application for the purposes of this review was received on July 25, 2008.

The operation of this modification shall be subject to the conditions of the attached Registration Notice-Only Change No. 149-26803-00025. The staff recommends to the Commissioner that this Notice-Only Change be approved.

IDEM Contact

(a) Questions regarding this Notice-Only Change can be directed to Mehul Sura at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5377 or toll free at 1-800-451-6027 extension 4-5377.

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

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