



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: April 7, 2009

RE: International Aerospace Tubes, Inc / 097-27597-00013

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



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Mr. Craig Karhan
International Aerospace Tubes, LLC
P.O. Box 42910
Indianapolis, IN 46242

April 7, 2009

Re: Fourth Registration Notice-Only Change
No. R097-27597-00013

Dear Mr. Karhan:

International Aerospace Tubes, LLC was issued a Registration No. R097-12857-00013 on December 4, 2000 for a stationary manufacturing facility of repair steel tubing and fabricated pipes for the aerospace industry at 4760 Kentucky Avenue, Indianapolis. On March 11, 2009, the Office of Air Quality (OAQ) received an application from the source relating to the addition of several new units at the existing source.

In addition, IDEM has begun implementing a new format for registrations. Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

1. relating to construction and operation of several exempted units, including, an oven, an Antigall application bench, a florescent penetrant inspection box, a welding unit, a paint booth, a blast unit, and a flame hood. The potential to emit of each of these units is less than the thresholds listed in 326 IAC 2-1.1-3(e)(1), therefore, each unit is exempt. The addition of these units to the registration is considered a notice-only change, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively, please see Attachment A. The uncontrolled/unlimited potential to emit of the entire source will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1), see Appendix A. No new state rules are applicable to this source. 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 in this notice-only change.

A.2 Emission Units and Pollution Control Equipment Summary

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

- (q) **One (1) Wisconsin Oven with Greenheck exhaust fan and carbon filter, installed in 2008.**
- (r) **One (1) Antigall application bench with Extract-All carbon unit exhaust fan, installed in 2008.**
- (s) **One (1) Florescent Penetrant Inspection Box, installed in 2008.**
- (t) **One (1) Trumpft Laser Power Welding Unit, installed in 2008. The unit is self-contained.**

- (u) One (1) Spray-tech paint application booth, coating various aerospace part of various sizes, with a maximum capacity of 0.125 gallons per day, installed in 2008.**
- (v) One (1) Ecoline Grit Blast Unit, installed in 2008, using an attached cyclone as control, exhausting inside the building.**
- (w) One (1) Captair Fume Hood, located in the laboratory unit, installed in 2008.**

IDEM, OAQ has decided to make additional revisions to the registration as described below. The registration has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

1. Upon IDEM discovering inconsistencies within the previous notice-only changes, typographical errors were corrected. The errors consist of the repetition of three blasting cabinets within the descriptions and references to these units within the rule applicabilities. The referenced units changed names pursuant to Notice-Only Change 097-20675-00013 and the units with the original names were never removed, causing them to be repeated. Also, references to some control devices were inaccurate and have been corrected. This change to the registration is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d)(1).

Upon IDEM review, it was also discovered that a particulate limit pursuant to 326 IAC 6-3-2 was never calculated for existing unit EU1. The registration is being updated to indicate that the specific particulate limit required to comply with 326 IAC 6-3-2. This change to the registration is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d)(6), since it incorporates newly applicable requirements.

A.2 Emission Units and Pollution Control Equipment Summary

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

- ~~(e) Silicon Carbide Blast Cabinet, identified as EU12, with a maximum capacity of 109 lbs/hr, using DC6 as control equipment, and venting inside the building~~
- ~~(f) Silicon Carbide Blast Cabinet, identified as EU13, with a maximum capacity of 109 lbs/hr, using DC7 as control equipment, and venting inside the building~~
- ~~(g) Aluminum Oxide Blast Cabinet, identified as EU14, with a maximum capacity of 507 lbs/hr, using DC5 as control equipment, and venting inside the building~~
- (e)** Nineteen (19) gas fired combustion units, identified as EU15, with a combined capacity of 4,601,194.5 Btu/hr (4.6 mmBtu/hr), using no controls and venting inside the building
- (f)** Various welding operations, including semi-automatic TIG welders, TIG line welders, and TIG welding stations. Annual maximum capacity will be approximately 75 pounds of wire consumed.
- (g)** Various electric heat treating furnaces and drying ovens.
- (h)** Alloying process which involves the use of a syringe type device that places a small bead of brazing compound onto small metal parts. These parts are then placed in electric heat treating furnaces to complete the alloying process.
- (i)** Anti gall coatings applied to the threads of end fittings.
- (j)** Acetone cleaning used in various hand wiping applications at the facility.
- (k)** Non destructive testing of parts for cracks and other defects.

- (~~l~~) One (1) Aluminum Oxide Blast Cabinet, identified as EU16, with **DC5** as particulate control (PM and PM10), with capacity of 507 lbs./hr (installed in 2001).
- (~~m~~) Two (2) Silicon Carbide Blast Cabinets, identified as EU17 and EU 18, with **DC6 and DC7** particulate control, **respectively** (PM and PM10), each with capacity of 109 lbs./hr (installed in 2001).
- (~~n~~) One (1) Small Drum Mounted Parts (30 gallon capacity) Washing Unit (installed 2001) that uses 20 gallons or less of solvent cleaner annually.
- (~~o~~) One (1) Cerrobend Tube Bender (installed 2001), a table top unit used to melt Cerrobend 5000-7 Low Melt Alloy metal. The metal is poured into the tube, which can then be bent without being deformed. Cerrobend 5000-7 contains Bismuth, Lead, Tin, and Cadmium.
- (~~p~~) One (1) unit for brush applying nickel and silver, protective plating material. There are no products containing volatile organic compounds of significance used in the process. In the brush plating process, the operator soaks the plating tool in the plating solution and the plating solution is delivered to the work area by an absorbent cover wrapped around the anode of the plating tool. The tool is brushed against the work area while a source of direct current is connected to the plating tool and the part being plated.

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

D.2.1 Particulate Emissions Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2

- (a) **PM emissions shall not exceed 3.7932 pounds per hour for EU01, and DC1 is not required to comply with this limit.**
- (b) PM emissions shall not exceed 0.5837 pounds per hour for EU10, and filter baghouse DC4 shall be in operation any time that EU10 is in operation in order to comply with this limit.
- (c) PM emissions shall not exceed 0.5837 pounds per hour for ~~EU12~~ **EU17** and filter baghouse DC6 shall be in operation any time that ~~EU12~~ **EU17** is in operation in order to comply with this limit.
- (d) PM emissions shall not exceed 0.5837 pounds per hour for ~~EU13, EU 17, and~~ EU 18 and filter baghouse DC7 shall be in operation any time that ~~EU13, EU 17, and~~ EU18 **is** in operation in order to comply with this limit.
- (e) PM emissions shall not exceed 1.6347 pounds per hour for ~~EU14 and~~ EU16, and filter baghouse ~~DC8~~ **DC5** shall be in operation any time that ~~EU14 and~~ EU16 is in operation in order to comply with this limit.

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

Interpolation of the data for all PM emitting units (EU1, EU10, EU16, EU 17, and EU 18) shall be accomplished by use of the equation for the process weight rate up to sixty thousand (60,000) pounds per hour:

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

2. Several of IDEM's branches and sections have been renamed. Therefore, IDEM has updated the addresses listed in the registration. References to "Compliance Data Section" and "Compliance Branch" have been changed to "Compliance and Enforcement Branch". The registration has been revised as follows:

~~Compliance Data Section~~ **Compliance and Enforcement Branch**
~~Compliance Branch~~ **Compliance and Enforcement Branch**

3. Local agencies no longer have effective authority to implement state and federal requirements for IDEM. Therefore, IDEM has removed all references to local agencies from the registration. The revised registration specifies that all reports, notices, applications, and any other required submittals shall be submitted to IDEM. The Permittee should note that the local agency could have its own requirements beyond the state and federal requirements contained in the registration. Please contact the local agency for further information.

In addition to removing all references to local agencies from the registration, the following conditions have been revised to clarify the requirements of the registration.

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 Jillian Bertram, at (800) 451-6027, press 0 and ask for Jillian Bertram or extension 4-5377, or dial (317) 234-5377.

Sincerely,



Iryn Callung, Section Chief
Permits Branch
Office of Air Quality

IC/JLB

Attachment: Revised Registration and Appendix A

cc: File - Marion County
Marion County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section



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REGISTRATION OFFICE OF AIR QUALITY

Internatioanal Aerospace Tubes, LLC
4760 Kentucky Avenue
Indianapolis, Indiana 46242

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.: R097-12857-00013	
Originally Issued by: Mona A. Salem, Chief Operating Officer Department of Public Works City of Indianapolis	Issuance Date: December 4, 2000

First Notice-Only Change, 097-14691-00013, issued on January 29, 2003
Second Notice-Only Change, 097-20675-00013, issued on June 13, 2005
Third Notice-Only Change, 097-21898-00013, issued on February 13, 2006

Fourth Notice-Only Change 097-27597-00013	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: April 7, 2009

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 manufacturing facility of repair steel tubing and fabricated pipes for the aerospace industry.

Source Address:	4760 Kentucky Avenue, Indianapolis, IN 46221
Mailing Address:	P.O. Box 42910, Indianapolis, IN 46242
General Source Phone Number:	317-821-2000
SIC Code:	3498
County Location:	Marion County
Source Location Status:	Nonattainment for PM 2.5 standard Attainment for all other 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) One (1) Plasma Spray Booth, identified as EU1, with a maximum capacity to use approximately 3.9 tons of powder per year. EU1 uses DC1 as control equipment, and exhausts to stack S-1.
- (b) Two (2) Acid Cleaning Lines, identified as EU5 and EU6, consisting of several tanks, each with a maximum capacity of 300 gallons, controlled with a model MW-300-8-3-SC air scrubber (installed 2001). EU5 and EU6 vent to V-4. These tanks will use Nitric Acid (no more than 45% by volume), potassium permanganate, Vitroklene (sodium hydroxide), and rinse water to clean titanium and stainless steel parts.
- (c) One (1) Wash Line, identified as EU7, consisting of several tanks, most tanks having a capacity of 350 gallons, using no control equipment. These tanks will use mineral spirits, Brulin 815GD, and rinse water to remove heavy oil from metal parts. A closed-loop carbon adsorption system (installed in 2001) controls air emissions from the mineral spirits tanks in the wash line EU7. The adsorption systems use Carbtrol Vapor Phase Canisters.
- (d) Glass Bead Blast Cabinet, identified as EU10, with a maximum capacity of 109 lbs/hr, using DC4 as control equipment, and venting inside the building.
- (e) Nineteen (19) gas fired combustion units, identified as EU15, with a combined capacity of 4,601,194.5 Btu/hr (4.6 mmBtu/hr), using no controls and venting inside the building.
- (f) Various welding operations, including semi-automatic TIG welders, TIG line welders, and TIG welding stations. Annual maximum capacity will be approximately 75 pounds of wire consumed.
- (g) Various electric heat treating furnaces and drying ovens.
- (h) Alloying process which involves the use of a syringe type device that places a small bead of brazing compound onto small metal parts. These parts are then placed in electric heat

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. 097-27597-00013 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 and Enforcement 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 thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.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) One (1) Wash Line, identified as EU7, consisting of several tanks, most tanks having a capacity of 350 gallons, using no control equipment. These tanks will use mineral spirits, Brulin 815GD, and rinse water to remove heavy oil from metal parts. A closed-loop carbon adsorption system (installed in 2001) controls air emissions from the mineral spirits tanks in the wash line EU7. The adsorption systems use Carbtrol Vapor Phase Canisters.
- (b) One (1) Small Drum Mounted Parts (30 gallon capacity) Washing Unit (installed 2001) that uses 20 gallons or less of solvent cleaner annually.

(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 Volatile Organic Carbon (VOC) [326 IAC 8-3-2] [326 IAC 8-3-5(b)]

- (a) Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator of a cold cleaner degreaser facility shall:
 - (1) Equip the cleaner with a cover;
 - (2) Equip the cleaner with a facility for draining cleaned parts;
 - (3) Close the degreaser cover whenever parts are not being handled in the cleaner;
 - (4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
 - (5) Provide a permanent, conspicuous label summarizing the operation requirements;
 - (6) 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.
- (b) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility 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^oC) (one hundred degrees Fahrenheit (100^oF));
 - (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 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°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 or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (c) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility 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.

SECTION D.2

OPERATION CONDITIONS

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

- (a) One (1) Plasma Spray Booth, identified as EU1, with a maximum capacity to use approximately 3.9 tons of powder per year. EU1 uses DC1 as control equipment, and exhausts to stack S-1.
- (b) Glass Bead Blast Cabinet, identified as EU10, with a maximum capacity of 109 lbs/hr, using DC4 as control equipment, and venting inside the building.
- (c) One (1) Aluminum Oxide Blast Cabinet, identified as EU16, with DC 5 as particulate control (PM and PM10), with capacity of 507 lbs./hr (installed in 2001).
- (d) Two (2) Silicon Carbide Blast Cabinets, identified as EU17 and EU 18, with DC6 and DC7 particulate control (PM and PM10), respectively, each with capacity of 109 lbs./hr each (installed in 2001).

(The information describing the process contained in this facility 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.2.1 Particulate Emissions Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2

- (a) PM emissions shall not exceed 3.7932 pounds per hour for EU01, and DC1 is not required to comply with this limit.
- (b) PM emissions shall not exceed 0.5837 pounds per hour for EU10, and filter baghouse DC4 shall be in operation any time that EU10 is in operation in order to comply with this limit.
- (c) PM emissions shall not exceed 0.5837 pounds per hour for EU17 and filter baghouse DC6 shall be in operation any time that EU17 is in operation in order to comply with this limit.
- (d) PM emissions shall not exceed 0.5837 pounds per hour for EU 18 and filter baghouse DC7 shall be in operation any time that EU18 is in operation in order to comply with this limit.
- (e) PM emissions shall not exceed 1.6347 pounds per hour for EU16, and filter baghouse DC5 shall be in operation any time that EU16 is in operation in order to comply with this limit.

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

Interpolation of the data for all PM emitting units (EU1, EU10, EU16, EU 17, and EU 18) shall be accomplished by use of the equation for the process weight rate up to sixty thousand (60,000) pounds per hour:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT 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:	International Aerospace Tubes, LLC
Address:	4760 Kentucky Ave.
City:	Indianapolis, IN 46221
Phone Number:	317-821-2000
Registration No.:	097-12857-00013

I hereby certify that Internation Aerospace Tubes, LLC is : still in operation.
 no longer in operation.
I hereby certify that Internation Aerospace Tubes, LLC is : in compliance with the requirements
of Registration No. 097-12857-00013.
 not in compliance with the
requirements
of Registration No. 097-12857-00013.

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:

Appendix A: Emission Calculations**Source-wide Emissions Summary**

Company Name: International Aerospace Tubes
Address City IN Zip: 4760 Kentucky Avenue, Indianapolis, IN 46221
Registration: 097-12857-00013
Reviewer: JLB
Date: 4/7/2009

	PM (tons/yr)	SO2 (tons/yr)	NOx (tons/yr)	VOC (tons/yr)	CO (tons/yr)	Individual HAPs (tons/yr)	Combined HAPs (tons/yr)
Existing Units							
EU1	6.30	0.00	0.00	0.00	0.00	0.80	2.51
EU5,6	0.00	0.00	1.54	0.00	0.00	0.00	0.00
EU7	0.00	0.00	0.00	3.82	0.00	0.00	0.00
EU10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
EU15	0.15	0.01	2.02	0.11	1.69	negl.	negl.
EU16	1.11	0.00	0.00	0.00	0.00	0.00	0.00
EU17	0.10	0.00	0.00	0.00	0.00	0.00	0.00
EU18	0.10	0.00	0.00	0.00	0.00	0.00	0.00
New Units							
Paint line	0.00	0.00	0.00	0.12	0.00	0.04	0.04
Anigall Application Bench	0.00	0.00	0.00	0.00	0.00	negl.	negl.
Totals	7.85	0.01	3.56	3.93	1.69	0.80	2.51
Exemption Thresholds	5	10	10	5	25	10	25
Registration Thresholds	25	25	25	25	100	10	25