



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

September 18, 2002

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.in.gov/idem](http://www.in.gov/idem)

TO: Interested Parties / Applicant  
RE: Indalex, Inc. / 039-18061-00581  
FROM: Paul Dubenetzky  
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, Room 1049, 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.dot 9/16/03

September 18, 2003

Aaron M. Miller  
Indalex Inc.  
23841 Reedy Dr.  
Elkhart, Indiana 46514

Re: 039-18061  
Notice Only Change to  
039-16964-00581

Dear Mr. Miller:

Indalex, Inc. was issued a permit on June 12, 2003 for an Aluminum Extrusion facility. A letter notifying the Office of Air Quality of a change was received from Indalex, Inc. on August 14, 2003. Pursuant to the provisions of 326 IAC 2-5.5-6 the permit is hereby revised as follows.

On page one (1) of the permit, in part (c) the rating for the Forced Air Heater should be (0.075) million British thermal units (MMBtu) not 0.75 million British thermal units (MMBtu). The following changes have been made to the permit (added language had been bolded and language with a strikeout has been omitted):

- (c) One (1) Forced Air Heater, identified as #9, rated at ~~(0.75)~~ **(0.075)** million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #9.

Appendix A: Emissions Calculations (page 1 of 4) has been changed to reflect the change in emissions from the BTU change (from 0.75 to 0.075) of the Force Air Heater.

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact the Office of Air Quality, Permit Branch at 317-233 -0178.

Sincerely,

Original Signed by Paul Dubenetzky  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

WVH

cc: File -  
Elkhart County  
Elkhart County Health Department  
North Regional Office  
Compliance Data Section - Karen Nowak  
Administrative and Development- Sara Cloe  
Technical Support and Modeling - Michele Boner

Aaron M. Miller  
Indalex Inc.  
23841 Reedy Dr.  
Elkhart, Indiana 46514

039-18061  
Re: Revised Registered Construction and Operation  
Status,  
039-16964-00581

Dear Mr. Miller:

The application from Indalex Inc., received on August 13, 2003, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.1-2(1)(B), it has been determined that the following Aluminum Extrusion facility, to be located at 23841 Reedy Dr., Elkhart, Indiana 46514, Indiana, is classified as registered:

- (a) One (1) Make-up units, identified as #1, rated at four (4) million British thermal units (MMBtu).
- (b) Seven (7) Forced Air Heaters, identified as #2 - #8, rated (0.25) million British thermal units (MMBtu) per hour each and each exhausting at seven (7) stacks, identified as Stacks #2 - #8 respectively.
- (c) One (1) Forced Air Heater, identified as #9, rated at (0.075) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #9.
- (d) Two (2) Caustic Heaters, identified as #10 and #11, rated at (0.15) million British thermal units (MMBtu) per hour each.
- (e) Two (2) Billet Furnaces, identified as Billet Furnaces #1 and #2, rated at (5.4) million British thermal units (MMBtu) per hour each and each exhausting at one (1) stack, identified as Stacks #13 and #12 respectively.
- (f) One (1) Billet Furnace, identified as Billet Furnace #3, rated at (8.3) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #14.
- (g) One (1) Age Oven, identified as Age Oven #1, rated at (2.5) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #15.
- (h) One (1) Age Oven, identified as Age Oven #2, rated at five (5) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #16.
- (i) One (1) Age Oven, identified as Age Oven #3, rated at (10.8) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #17.
- (j) Thirteen (13) Space Heaters, identified as #18 - #30, rated at (0.2) million British thermal units (MMBtu) per hour each and each exhausting at one (1) stack, identified as Stacks #18 - #30 respectively.
- (k) One (1) Space Heater, identified as #31, rated at (0.15) million British thermal units (MMBtu) per hour and exhausting at one (1) stack, identified as Stack #31.
- (l) One (1) Degreaser, identified as #32.

- (m) Two (2) Torch Cutters, identified as #34 and #35.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 2-6, Indalex Inc. must annually submit an emission statement for the source. The annual statement must be received by April 15 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).
2. 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:
  - (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 15 minutes (60 readings) in a 6-hour period 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.
3. Pursuant to 326 IAC 8-3-3 (Open Top Vapor Degreaser Operation), Indalex Inc. shall:
  - (1) equip the vapor degreaser with a cover that can be opened and closed easily without disturbing the vapor zone;
  - (2) keep the cover closed at all times except when processing work loads through the degreaser;
  - (3) minimize solvent carryout by:
    - (A) racking parts to allow complete drainage;
    - (B) moving parts in and out of the degreaser at less than 3.3 meters per minute (eleven (11) feet per minute);
    - (C) degreasing the workload in the vapor zone at least thirty (30) seconds or until condensation ceases;
    - (D) tipping out any pools of solvent on the cleaned parts before removal; and
    - (E) allowing parts to dry within the degreaser for at least fifteen (15) seconds or until visually dry;
  - (4) not degrease porous or absorbent materials, such as cloth, leather, wood or rope;
  - (5) not occupy more than half of the degreaser's open top area with the workload;
  - (6) not load the degreaser such that the vapor level drops more than fifty percent (50%) of the vapor depth when the workload is removed;

- (7) never spray above the vapor level;
- (8) repair solvent leaks immediately, or shut down the degreaser;
- (9) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, such that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere;
- (10) not use workplace fans near the degreaser opening;
- (11) not allow visually detectable water in the solvent exiting the water separator; and
- (12) provide a permanent, conspicuous label summarizing the operating requirements.

This registration is the first air approval issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.1-2(1)(B). The annual notice shall be submitted to:

**Compliance Data Section  
Office of Air Quality  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

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.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

WVH

cc: File - Elkhart County  
Elkhart County Health Department  
Air Compliance – Paul Karkiewicz  
Northern Regional Office  
Permit Tracking  
Technical Support and Modeling - Michele Boner  
Compliance Data Section - Karen Nowak

## Registration

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(1)(B)

|                               |                         |
|-------------------------------|-------------------------|
| <b>Company Name:</b>          | <b>Indalex Inc.</b>     |
| <b>Address:</b>               | <b>23841 Reedy Dr</b>   |
| <b>City:</b>                  | <b>Elkhart, Indiana</b> |
| <b>Authorized individual:</b> | <b>Aaron Miller</b>     |
| <b>Phone #:</b>               | <b>765-457-1125</b>     |
| <b>Registration #:</b>        | <b>039-18061-00581</b>  |

I hereby certify that Indalex Inc. is still in operation and is in compliance with the requirements of Registration 039-16964-00581.

|                      |
|----------------------|
| <b>Name (typed):</b> |
| <b>Title:</b>        |
| <b>Signature:</b>    |
| <b>Date:</b>         |

## Indiana Department of Environmental Management Office of Air Quality Technical Support Document (TSD) for a Registration

### Source Background and Description

Source Name: Indalex Inc.  
Source Location: 23841 Reedy Dr., Elkhart, Indiana 46514  
County: Elkhart  
SIC Code: 3354  
Operation Permit No.: 039-18061-00581  
Permit Reviewer: Walter Habeeb

The Office of Air Quality (OAQ) has reviewed an application from Indalex Inc. relating to the construction and operation of Aluminum Extrusion facility.

### Permitted Emission Units and Pollution Control Equipment

The source consists of no permitted emission units and pollution control devices.

### Unpermitted Emission Units and Pollution Control Equipment

The source consists of the following unpermitted facilities/units:

- (a) One (1) natural gas Make-up units, identified as #1, rated at four (4) million British thermal units (MMBtu) per hour.
- (b) Seven (7) natural gas Forced Air Heaters, identified as #2 - #8, rated (0.25) million British thermal units (MMBtu) per hour each and exhausting to Stacks #2 - #8 respectively.
- (c) One (1) natural gas Forced Air Heater, identified as #9, rated at (0.075) million British thermal units (MMBtu) per hour and exhausting to one (1) stack, identified as Stack #9.
- (d) Two (2) natural gas Caustic Heaters, identified as #10 and #11, rated at (0.15) million British thermal units (MMBtu) per hour each.
- (e) Two (2) natural gas Billet Furnaces, identified as Billet Furnaces #1 and #2, rated at (5.4) million British thermal units (MMBtu) per hour each and each exhausting to one (1) stack, identified as Stacks #13 and #12 respectively.
- (f) One (1) natural gas Billet Furnace, identified as Billet Furnace #3, rated at (8.3) million British thermal units (MMBtu) per hour and exhausting to one (1) stack, identified as Stack #14.
- (g) One (1) natural Age Oven, identified as Age Oven #1, rated at (2.5) million British thermal units (MMBtu) per hour and exhausting to one (1) stack, identified as Stack #15.
- (h) One (1) natural gas Age Oven, identified as Age Oven #2, rated at five (5) million British

thermal units (MMBtu) per hour and exhausting to one (1) stack, identified as Stack #16.

### Recommendation

The staff recommends to the Commissioner that the construction and operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

A complete application for the purposes of this review was received on August 14, 2003.

### Emission Calculations

See Appendix A of this document for detailed emissions calculations (One Page).

### Potential To Emit

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

| Pollutant       | Potential To Emit (tons/year) |
|-----------------|-------------------------------|
| PM              | 1.39                          |
| PM-10           | 1.39                          |
| SO <sub>2</sub> | 0.12                          |
| VOC             | 1.17                          |
| CO              | 16.69                         |
| NO <sub>x</sub> | 19.87                         |

| HAP's   | Potential To Emit (tons/year) |
|---------|-------------------------------|
| Butane  | 0.42                          |
| Ethane  | 0.62                          |
| Hexane  | 0.36                          |
| Pentane | 0.52                          |
| Propane | 0.32                          |
| Other   | 0.02                          |
| TOTAL   | 2.24                          |



- (a) The potential to emit (as defined in 326 IAC 2-5.1-2(1)(B)) of NO<sub>x</sub> is less than twenty-five (25) tons per year and equal to or greater than ten (10) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-5.1-2(1)(B).
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is less than twenty-five (25) tons per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

**Actual Emissions**

No previous emission data has been received from the source.

**County Attainment Status**

The source is located in Elkhart County.

| Pollutant       | Status     |
|-----------------|------------|
| PM              | Attainment |
| PM10            | Attainment |
| NO <sub>2</sub> | Attainment |
| Ozone           | Attainment |
| CO              | Attainment |
| SO <sub>2</sub> | Attainment |
| Lead            | Attainment |

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Elkhart County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) Elkhart County has been classified as attainment or unclassifiable for PM10, SO<sub>2</sub>, NO<sub>x</sub>, and CO. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

**Source Status**

New Source PSD Definition (emissions after controls, based on 8,760 hours of operation per year at rated capacity and/ or as otherwise limited):

| Pollutant        | Emissions (ton/yr) |
|------------------|--------------------|
| PM               | 1.39               |
| PM10             | 1.39               |
| SO <sub>2</sub>  | 0.12               |
| VOC              | 1.17               |
| CO               | 16.69              |
| NO <sub>x</sub>  | 19.87              |
| Single HAP       | 0.62               |
| Combination HAPs | 2.24               |

