



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

September 24, 2004

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: Indiana Sugars, Inc / 089-198808-00490

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



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September 24, 2004

Mr. Galen Hathcock  
 Indiana Sugars, Inc.  
 911 Virginia Street,  
 Gary, Indiana 46401

Re: 089-19908-00490  
 First Notice Only Change to  
 Registration 089-19053-00490

Dear Mr. Hathcock:

Indiana Sugars, Inc. was issued a Registration on July 30, 2004 for a sugar products and corn syrup blends manufacturing plant. A letter notifying the OAQ of revised maximum throughput capacities of its processes was received on August 26, 2004. Pursuant to the provisions of 326 IAC 2-5.5-6(d), the registration is hereby revised as follows:

1. The Permittee requested the maximum throughput capacities of the two (2) sugar mills (identified as Unit 1 and 2), and the bulk transport systems (identified as Unit 1A and 1B) be revised from 6,250 pounds per hour to 7,500 pounds per hour.
2. The Permittee requested the maximum throughput capacity of the bagging operations (identified as Unit 5) be revised from 12,500 tons per year to 15,000 pounds per hour.
3. Condition (b) (326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Operations)) was revised based on the revised maximum throughput capacities as shown below:

Emission Unit	Maximum Throughput Rate	Particulate Emission Limit	
	(lbs/hour)	(tons/hour)	(lbs/hour)
Each of the two (2) sugar Mills (Unit 1 and 2)	<del>6,250</del> <b>7,500</b>	<del>3.13</del> <b>3.75</b>	<del>8.80</del> <b>9.94</b>
Each of the two bulk transport systems (Unit 1A and 2A)	<del>6,250</del> <b>7,500</b>	<del>3.13</del> <b>3.75</b>	<del>8.80</del> <b>9.94</b>
Bagging operation (Unit 5)	<del>12,500</del> <b>15,000</b>	<del>6.25</del> <b>7.50</b>	<del>14.0</del> <b>15.8</b>
Truck unloading system (Unit 6)	40,000	20	30.5

Since the Permittee is not changing the control specifications on emission units (identified as Unit 1, Unit 2, Unit 1A, Unit 1B, and Unit 5), there are no increases in the potential to emit due to the revised throughput rates.

All other conditions of the Registration shall remain unchanged and in effect. Please find attached a copy of the revised registration.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Sanobar Durrani, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7810 to speak directly to Ms. Durrani. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Original signed by

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

ERG/SD

cc: File-Lake County  
Lake County Health Department  
Air Compliance - Ramesh Tejuja  
Compliance Data Section  
Administrative and Development  
Technical Support and Modeling - Michele Boner



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

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Lori F. Kaplan  
Commissioner

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Mr. Galen Hathcock  
Indiana Sugars, Inc.  
911 Virginia Street  
Gary, Indiana 46401

September 24, 2004

Re: Revised Registration 089-19908-00490  
Notice Only Change to Registration  
089-19053-00490

Dear Mr. Hathcock:

The application from Indiana Sugars, Inc., received on May 3, 2004, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following sugar products and corn syrup blends manufacturing plant located at 911 Virginia Street, Gary Indiana 46401, is classified as registered:

- (a) Two (2) natural gas-fired boilers (identified as B1 and B2), each with a maximum heat input capacity of 4.18 MMBtu per hour. These units were constructed in 1982.
- (b) Grinding mill and product collection equipment consisting of:
  - (1) One (1) sugar mill (identified as Unit 1), constructed in 1982, with a maximum throughput rate of 7,500 pounds per hour of granulated sugar and corn starch, equipped with a fabric filter which serves as a product collector and is integral to the process. The fabric filter exhausts at stack 1.
  - (2) One (1) sugar mill (identified as Unit 2), constructed in 1982, with a maximum throughput rate of 7,500 pounds per hour of granulated sugar and corn starch, equipped with a fabric filter which serves as a product collector and is integral to the process. The fabric filter exhausts at stack 2.
  - (3) One (1) bulk transport system (identified as Unit 1A) used in conjunction with the sugar mill (identified as Unit 1), constructed in 1982, with a maximum throughput rate of 7,500 pounds per hour of granulated sugar and corn starch, equipped with a fabric filter, which is integral to the process. The fabric filter exhausts at stack 1A.
  - (4) One (1) bulk transport system (identified as Unit 2A) used in conjunction with the sugar mill (identified as Unit 2), constructed in 1982, with a maximum throughput rate of 7,500 pounds per hour of granulated sugar and corn starch, equipped with a fabric filter, which is integral to the process. The fabric filter exhausts at stack 2A.
  - (5) Bagging operations (identified as Unit 5), constructed in 1992, with a maximum throughput capacity of 15,000 pounds per hour of powdered sugar, equipped with a dust collector, which is integral to control, and exhausting at stack 5.
  - (6) One (1) truck unloading system (identified as Unit 6), constructed in 2002, with a maximum throughput capacity of 40,000 pounds per hour of granulated sugar, equipped with a fabric filter, which is integral to control, and exhausting at stack 6.

The following conditions shall be applicable:

- (a) 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:
  - (1) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
  - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 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.
- (b) Pursuant to 326 IAC 6-3-2(Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the grinding mills and product collection equipment shall not exceed the pound per hour limit as shown in the table below:

Emission Unit	Maximum Throughput Rate		Particulate Emission Limit
	(lbs/hour)	(tons/hour)	(lbs/hour)
Each of the two (2) sugar Mills (Unit 1 and 2)	7,500	3.75	9.94
Each of the two bulk transport systems (Unit 1A and 2A)	7,500	3.75	9.94
Bagging operation (Unit 5)	15,000	7.50	15.8
Truck unloading system (Unit 6)	40,000	20	30.5

The pound per hour limitation was calculated using the following equation:

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

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

The six (6) fabric filters shall be in operation at all times the grinding and product collection equipment is in operation, in order to comply with this limit.

- (c) Pursuant to 326 IAC 6-2-3(e)(Particulate Emission Limitations for Sources of Indirect Heating), the particulate emissions from the two (2) 4.18 MMBtu per hour boilers, which were existing and in operation before September 21, 1983 shall each not exceed 0.6 pounds of particulate per MMBtu heat input.

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 2-5.5-4(a)(3). 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.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Sanober Durrani, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7810 to speak directly to Ms. Durrani. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,  
Original signed by

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

ERG/SD

cc: File - Lake County  
Lake County Health Department  
Air Compliance – Ramesh Tejuja  
Northwest Regional Office  
Permit Tracking  
Compliance Data Section

<b>Registration Annual Notification</b>
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This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3)

<b>Company Name:</b>	<b>Indiana Sugars, Inc.</b>
<b>Address:</b>	<b>911 Virginia Street</b>
<b>City:</b>	<b>Gary, Indiana 46401</b>
<b>Authorized individual:</b>	<b>Galen Hathcock</b>
<b>Phone #:</b>	<b>(219) 886-9151</b>
<b>Registration #:</b>	<b>089-19908-00490</b>

I hereby certify that Indiana Sugars, Inc. is still in operation and is in compliance with the requirements of Registration 089-19053-00490.

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