



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

April 27, 2004

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

TO: Interested Parties / Applicant

RE: Beckett Bronze Co., Inc. / 035-18764-00008

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



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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April 27, 2004

K. E. Dixon
Beckett Bronze Company, Inc.
P.O. Box 2425
Muncie, Indiana 47307

Re: 035-18764-00008
Second Notice Only Change
Registration 035-12716-00008

Dear Ms. Dixon:

Beckett Bronze Company, Inc. was issued a Registration on February 14, 2001 for the operation of bronze foundry. A letter requesting to remove one (1) cleaning operation and one (1) sand handling process from the facility was received on March 31, 2004. These emission sources are no longer in operation at the source and therefore the permit is hereby revised as follows, pursuant to the provisions of 326 IAC 2 5.5-6(d)(2) (with new language bolded and old language stricken):

(a) The following electric induction furnaces:

.....

~~(b) One (1) cleaning operation, constructed in 1913, with a maximum throughput of 0.09 tons per hour, and exhausting through the Seneca baghouse;~~

~~(c) One (1) sand handling process, constructed in 1913, with a maximum throughput of 0.25 tons per hour; and~~

~~(db) One (1) casting operation, constructed in 1980, producing a maximum of 650 pounds per hour of finished product.~~

~~(ec) One (1) Ace rotary dryer rated at 0.45 MMBtu/hr, with maximum charge capacity of 2000 lbs/hr, equipped with two (2) afterburners with each rated at maximum heat input rate of 0.425 MMBtu/hr and exhausting through one (1) stack identified as 5.~~

.....

The following conditions shall be applicable:

2) Pursuant to 326 IAC 6-3-2 (Process Operations):

(a) the particulate matter (PM) from the electric induction furnaces shall be limited to 5.62 pounds per hour for a maximum process rate of 1.6 tons per hour;

- ~~(b) the particulate matter (PM) from the cleaning operation shall be limited to 0.82 pounds per hour for a maximum process rate of 0.09 tons per hour;~~
- ~~(c) the particulate matter (PM) from the sand handling operation shall be limited to 1.62 pounds per hour for a maximum process rate of 0.25 tons per hour;~~
- (db) the particulate matter (PM) from the casting operation shall be limited to 1.93 pounds per hour for a maximum process rate of 0.325 tons per hour;
- (ec) the particulate matter (PM) from the Ace rotary dryer shall be limited to 1.0 pound per hour for a maximum process rate of 1.0 ton per hour.

All other conditions of the permit shall remain unchanged and in effect.

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 Adeel Yousuf, at (973) 575-2555, ext. 3252 or dial (800) 451-6027, press 0 and ask for extension 3-6878.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
AY/EVP

cc: File - Delaware County
Delaware County Health Department
Air Compliance - Jim Thorpe
Permit Tracking
Air Programs Section- Michelle Boner



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April 27, 2004

K. E. Dixon
Beckett Bronze Co., Inc.
P.O. Box 2425
Muncie, Indiana 47307

035-18764-00008
Second Notice Only Change to
Registration 035-12716-00008

Dear Ms. Dixon:

The application from Beckett Bronze, received on March 31, 2004, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5-6, it has been determined that the registration for the bronze foundry, to be located at 106 East 20th Street, Muncie, Indiana, 47302, Indiana, is hereby revised as follows:

- (a) The following electric induction furnaces:
 - (1) One (1) Inductotherm furnace rated at 300 KW, constructed in 1982, and exhausting through the Wheelabrator baghouse;
 - (2) One (1) Inductotherm furnace rated at 250 KW, constructed in 1980, and exhausting through the Wheelabrator baghouse;
 - (3) One (1) Ajax furnace rated at 250 KW, constructed in 1983, and exhausting through the Seneca baghouse;
 - (4) One (1) Inductotherm furnace rated at 175 KW, constructed in 1974, and exhausting through the Wheelabrator baghouse;
 - (5) One (1) Inductotherm furnace rated at 350 KW, constructed in 1997, and exhausting through the Wheelabrator baghouse; and
 - (6) Two (2) Inductotherm furnaces each rated at 75 KW, constructed in 1993, and exhausting through the Wheelabrator baghouse.
- (b) One (1) casting operation, constructed in 1980, producing a maximum of 650 pounds per hour of finished product.
- (c) One (1) Ace rotary dryer rated at 0.45 MMBtu/hr, with maximum charge capacity of 2000 lbs/hr, equipped with two (2) afterburners with each rated at maximum heat input rate of 0.425 MMBtu/hr and exhausting through one (1) stack identified as 5.

The whole plant is currently powered through one (1) 750 KW transformer, therefore the power input to the source shall be limited to the capacity of the transformer.



The following conditions shall be applicable:

- 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:
 - (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.
- 2) Pursuant to 326 IAC 6-3-2 (Process Operations):
 - (a) the particulate matter (PM) from the electric induction furnaces shall be limited to 5.62 pounds per hour for a maximum process rate of 1.6 tons per hour;
 - (b) the particulate matter (PM) from the casting operation shall be limited to 1.93 pounds per hour for a maximum process rate of 0.325 tons per hour;
 - (c) the particulate matter (PM) from the Ace rotary dryer shall be limited to 1.0 pound per hour for a maximum process rate of 1.0 ton per hour.

based on the following 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 potential emissions without the use of control equipment for the above mentioned units are all less than the respective allowable limits of 6-3-2. Therefore, no control equipment is needed to comply with these limits.

This registration supersedes any previous air approvals 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, increase the capacity of the plant's transformer above 750 KW, or otherwise modify the source.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

LMW/EVP

cc: File - Delaware County
Delaware County Health Department
Air Compliance - Jim Thorpe
Permit Tracking
Air Programs Section- Michelle Boner

Registration Annual Notification

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

Company Name:	Beckett Bronze
Address:	106 East 20th Street
City:	Muncie
Authorized individual:	K. E. Dixon
Phone #:	765-282-8034
Registration #:	035-12716-00008

I hereby certify that Beckett Bronze is still in operation and is in compliance with the requirements of Registration 035-12716-00008.

Name (typed):
Title:
Signature:
Date: