



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

July 14, 2003

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: **Bootz Manufacturing Company**
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

163-11560-00011

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 Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, 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

FNPERAM.wpd 8/21/02

July 14, 2003

Mr. Thomas Bootz
Bootz Manufacturing Company
P. O. Box 18010
Evansville, Indiana 47719-1010

Re: 163-11560
Third Administrative Amendment to
Part 70 163-6651-00011

Dear Mr. Bootz:

Bootz Manufacturing Company, located at 1400 Park Street, Evansville, Indiana (Plant 1) and 2301 Maryland Street, Evansville, Indiana (Plant 2) was issued a Part 70 permit on June 16, 1999 for the operation of a stationary fabricated metal bath tub sink, and lavatory manufacturing operation. On November 19, 1999, the Office of Air Quality (OAQ) has initially reviewed a significant modification application from the source relating to the construction of the following emission unit and pollution control devices used in the manufacture of fabricated metal bath tubs, sinks and lavatories:

- (a) One (1) new Primer Paint Spray Booth, identified as Booth No. 1 which replaced the existing Primer Paint Spray Booth No.1 in Plant 1, which was damaged by fire. This booth is equipped with an air atomized spray system, capable of coating 125 bathroom fixtures per hour, with a dry filter and water curtain for overspray control, and exhausting at stack S/V-1.

On June 2, 2003, however, Bootz Manufacturing Company decided to withdraw the significant source modification 163-11560 since the source has discontinued the entire painting operation in Plant #1, which includes the above referenced spray booth. The removal of the painting operation from the issued Part 70 permit will qualify as an administrative amendment, pursuant to 326 IAC 2-7-11(a)(7), which "revises descriptive information where the revision will not trigger new applicable requirement or violate permit term". The same permit number 163-11560 will be used for the administrative amendment. The amendment will be as follows (changes are **bolded** and deletions are ~~struck through~~ for emphasis):

- 1. Section A.2 will be amended to remove the entire Plant #1 from the Part 70 permit as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]

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

Plant #1

- (a) One (1) primer paint spray booth, identified as Booth No. 1, utilizing an air atomized application system, coating a maximum of 180 steel parts per hour, with a water curtain for overspray control, and exhausting at one (1) stack, identified as S/V-1; and
- (b) One (1) top coat paint spray booth, identified as Booth No. 2, utilizing an air atomized application system, coating a maximum of 180 steel parts per hour, with a dry filter and water curtain for overspray control, and exhausting at one (1) stack, identified as S/V-2.

2. Section D.1 will be deleted from the Part 70 permit as follows:

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

Plant #1

- (a) ~~One (1) primer paint spray booth, identified as Booth No. 1, utilizing an air atomized application system, coating a maximum of 180 steel parts per hour, with a water curtain for overspray control, and exhausting at one (1) stack, identified as S/V-1; and~~
- (b) ~~One (1) top coat paint spray booth, identified as Booth No. 2, utilizing an air atomized application system, coating a maximum of 180 steel parts per hour, with a dry filter and water curtain for overspray control, and exhausting at one (1) stack, identified as S/V-2.~~

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 2-2] [326 IAC 8-1-6] [326 IAC 8-2-9]

~~Due to the date of construction of these facilities, 326 IAC 2-2 (PSD) does not apply and there are no 326 IAC Article 8 rules that apply.~~

D.1.2 Particulate Matter (PM) [326 IAC 6-1-2]

~~Pursuant to 326 IAC 6-1-2, the PM emissions from each of the two (2) booths paint spray, shall not exceed 0.03 grains per dry standard cubic foot (gr/dscf). This is equivalent to a PM emission rate of 4.5 pounds per hour from Booth #1 and 7.5 pounds per hour from Booth #2.~~

D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]

~~The PM from the two (2) paint spray booths paint spray, shall not exceed the pound per hour emission rate established as E in the following formula:~~

~~Interpolation and extrapolation 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:~~

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

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.~~

Compliance Determination Requirements

D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

~~The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM or Evansville EPA, compliance with the PM limits specified in Conditions D.1.2 and D.1.3 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.~~

D.1.6 Particulate Matter (PM)

~~The water curtain for PM control in the paint booth identified as Booth #1, and the dry filters and water curtain for PM control in the paint booth identified as Booth #2, shall be in operation at all times when the two (2) paint booths (Booth #1 and Booth #.2) are in operation.~~

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.7 Monitoring

- ~~(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters in Booth # 2 and to verify that the water flow rate of the water curtains in Booth s #1 and # 2 meet the manufacturer's recommended level. To monitor the performance of the dry filters and water curtains, weekly observations shall be made of the overspray from the surface coating booth stacks (S/V-1 and S/V-2) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.~~
- ~~(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.~~
- ~~(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.~~

D.1.8 Record Keeping Requirements

- ~~(a) To document compliance with Condition D.1.7, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.~~
 - ~~(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~
-

All other sections and conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment 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 Aida De Guzman, at (800) 451-6027 extension (3-4972), or dial (317) 233-4972.

Sincerely,

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

Attachments

APD

cc: File - Vanderburg County
U.S. EPA, Region V
Vanderburg County Health Department
Evansville EPA
Southwest Regional Office
Air Compliance Section Inspector - Scott Anslinger
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner
Office of Enforcement - Lynne Sullivan

**PART 70 OPERATING PERMIT
OFFICE OF AIR MANAGEMENT
and EVANSVILLE ENVIRONMENTAL PROTECTION
AGENCY**

**Bootz Manufacturing Company
1400 Park Street Evansville, Indiana 47719 (Plant #1)
2301 Maryland Street, Evansville, Indiana 47719 (Plant #2)**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T163-6551-00011	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: June 16, 1999

First Administrative Amendment No.: 163-10961, issued on September 21, 1999;
Second Administrative Amendment No.: 163-14995, issued on October 23, 2001;
Reopening No.: 16-13500, issued on November 1, 2001

Third Administrative Amendment No.: 163-11560	Pages Modified: 5, 30, 31
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Chief Permits Branch	Issuance Date: July 14, 2003

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Evansville EPA. The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee 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 Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary fabricated metal bath tub, sink, and lavatory manufacturing operation.

Responsible Official:	Thomas Bootz, Vice President of Engineering
Source Address:	1400 Park Street, Evansville, Indiana 47719 (Plant #1) 2301 Maryland Street, Evansville, Indiana 47719 (Plant #2)
Mailing Address:	P.O. Box 6409, Evansville, Indiana 47712
Phone Number:	812-429-2240
SIC Code:	3469
County Location:	Vanderburgh
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

Plant #2

- (a) Two (2) Largeware Porcelain Enamel booths, the ground coat and the top coat booths, which are capable of coating 165 units per hour. These booths are equipped with eight (8) air atomization spray systems, with water wash spray to control the Particulate Matter (PM) overspray from the ground coat booth and a dust collector to control the PM overspray from the top coat booth, both exhausting to stack S/V 7;

Bootz Manufacturing Company
Evansville, Indiana
Permit Reviewer: TE/EVP

Third Administrative Amendment No.: 163-11560
Amended by: Aida De Guzman

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Bootz Manufacturing Company
Evansville, Indiana
Permit Reviewer: TE/EVP

Third Administrative Amendment No.: 163-11560
Amended by: Aida De Guzman

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