



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

August 27, 2004

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Indianapolis, Indiana 46206-6015  
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(800) 451-6027  
[www.in.gov/idem](http://www.in.gov/idem)

TO: Interested Parties / Applicant

RE: MasterBrand Cabinets, Inc. / 037-19476-00051

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

Mr. Willard Robertson  
MasterBrand Cabinets, Inc.  
614 West Third Street  
Ferdinand, IN 47532

August 27, 2004

Re: 037-19476-00051  
First Administrative Amendment to  
Part 70 037-5930-00051

Dear Mr. Robertson:

MasterBrand Cabinets, Inc. was issued a permit on February 20, 2004 for a stationary woodworking and surface coating operation manufacturing kitchen and bath cabinets. A letter requesting a change was received on June 16, 2004.

This purpose of this request is to change the stack identification numbers for the equipment listed under Section A.3 of the existing permit. A second reason for the request is for approval to replace the baghouse of woodworking cell MC-1. The current 33,000 cfm baghouse has a grain loading of 0.01 gr./dscf, which equates to a maximum yearly PM/PM10 emission level of 12.38 TPY. The new 61,000 cfm baghouse will have a grain loading of 0.00118 gr./dscf, which equates to a maximum yearly PM/PM10 emission level of 2.70 TPY. The operation of the MC-1 woodworking cell with the new baghouse installed will emit less pollutant than the old baghouse therefore this installation will be allowed under an Administrative Amendment.

Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (the new language has been bolded and the old language stricken out):

A.3

(c) Woodworking equipment controlled by baghouses, including:

- (1) One (1) woodworking cell, identified as MC-2, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH2**, and exhausting either internally or to stack ~~T-1~~ **BHK-2**;
- (2) One (1) woodworking cell, identified as MC-3, constructed in 1998, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH3**, and exhausting either internally or to stack ~~T-2~~ **BHK-3** ;
- (3) One (1) woodworking cell, identified as MC-5, constructed in 1997, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH5**, and exhausting either internally or to stack ~~T-4~~ **BHK-5**;
- (4) One (1) woodworking cell, identified as MC-6, constructed in 1986, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH6**, and exhausting either internally or to stack ~~T-5~~ **BHK-6**; and
- (5) One (1) woodworking cell, identified as MC-7, constructed in 1986, controlled by a 48,000 cubic feet per minute baghouse, **identified as BH7**, and exhausting either internally or to stack ~~T-6~~ **BHK-7**.

(d) Woodworking equipment controlled by baghouses including:

- (1) One (1) woodworking cell, identified as MC-1, constructed in 1968, controlled by a ~~33,000~~ **61,000** cubic feet per minute baghouse, **identified as BH1**, and exhausting either internally or to stacks ~~MU1, MU2, MU3, MU4, MU5, and MU6;~~ and **BHK-1**;
- (2) One (1) woodworking cell, identified as MC-4, constructed in 1968, controlled by a 35,000 cubic feet per minute baghouse, **identified as BH-4**, and exhausting either internally or to stack ~~T-3~~ **BHK-4**.

## SECTION D.2

## FACILITY OPERATION CONDITIONS

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

(a c) Woodworking equipment controlled by baghouses including:

- (1) One (1) woodworking cell, identified as MC-2, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH2**, and exhausting either internally or to stack ~~T-1~~ **BHK-2**;
- (2) One (1) woodworking cell, identified as MC-3, constructed in 1998, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH3**, and exhausting either internally or to stack ~~T-2~~ **BHK-3** ;
- (3) One (1) woodworking cell, identified as MC-5, constructed in 1997, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH5**, and exhausting either internally or to stack ~~T-4~~ **BHK-5**;
- (4) One (1) woodworking cell, identified as MC-6, constructed in 1986, controlled by a 61,000 cubic feet per minute baghouse, **identified as BH6**, and exhausting either internally or to stack ~~T-5~~ **BHK-6**; and
- (5) One (1) woodworking cell, identified as MC-7, constructed in 1986, controlled by a 48,000 cubic feet per minute baghouse, **identified as BH7**, and exhausting either internally or to stack ~~T-6~~ **BHK-7**.

(b d) Woodworking equipment controlled by baghouses including:

- (1) One (1) woodworking cell, identified as MC-1, constructed in 1968, controlled by a ~~33,000~~ **61,000** cubic feet per minute baghouse, **identified as BH1**, and exhausting either internally or to stacks ~~MU1, MU2, MU3, MU4, MU5, and MU6;~~ and **BHK-1**;
- (2) One (1) woodworking cell, identified as MC-4, constructed in 1968, controlled by a 35,000 cubic feet per minute baghouse, **identified as BH-4**, and exhausting either internally or to stack ~~T-3~~ **BHK-4**.

### Insignificant Activities:

(a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

All other 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 Walter Habeeb, at (800) 451-6027, press 0 and ask for Walter Habeeb or extension (2 -8422), or dial (317) 232-8422.

Sincerely,

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

Attachments

WVH

cc: File - Dubois County  
U.S. EPA, Region V  
Air Compliance Section Inspector - Gene Kelso  
Southwest Regional Office  
Compliance Data Section  
Administrative and Development

## PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

### MasterBrand Cabinets, Inc. - Ferdinand Operations 614 West Third Street Ferdinand, Indiana 47532

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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.: T037-5930-00051	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: February 20, 2004  Expiration Date: February 20, 2009

First Administrative Amendment No.: T037-19476-00051	Pages: 6, 7 and 36
Issued by: Original signed by  Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: August 27, 2004  Expiration Date: February 20, 2009

- (4) One (1) top coat booth, identified as TCB-15, with a maximum capacity of 225 units per hour, with particulate emissions controlled by a dry filter, and exhausting through stacks TC4 and TC5; and
  - (5) Two (2) parts booths, identified as PB-16 and PB-17, with a maximum capacity of 225 units per hour, each with particulate emissions controlled by a dry filter, and exhausting through stacks P1, P2, and P3.
  - (6) One (1) natural gas-fired oven identified as Ou-5, constructed in 1973, with a maximum heat input capacity of 1 Million British Thermal Units per hour (MMBtu), and exhausting to stack O1.
- (b) One (1) electrostatic finishing line, comprised of the following facilities:
- (1) One (1) toner spray booth, identified as TB-2, constructed in 1985, with a maximum capacity of 766 units per hour, with particulate emissions controlled by a dry filter, and exhausting through stacks T1 and T2;
  - (2) Two (2) stain spray booths using electrostatic spray applicators, identified as STB-3 and STB-4, both constructed in 1985, each with a maximum capacity of 766 units per hour, each with particulate emissions controlled by a dry filter and VOC emissions controlled by a natural gas-fired regenerative thermal oxidizer with a heat input rate of 7.9 million British thermal units per hour (MMBtu/hr), constructed in 2003;
  - (3) Two (2) sealer spray booths using electrostatic spray applicators, identified as SB-7 and SB-8, both constructed in 1985, each with a maximum capacity of 766 units per hour, each with particulate emissions controlled by a dry filter and VOC emissions controlled by a natural gas-fired regenerative thermal oxidizer with a heat input rate of 7.9 million British thermal units per hour (MMBtu/hr), constructed in 2003;
  - (4) Two (2) topcoat spray booths using electrostatic spray applicators, identified as TCB-9 and TCB-10, both constructed in 1985, each with a maximum capacity of 766 units per hour, with particulate emissions controlled by a dry filter and VOC emissions controlled by a natural gas-fired regenerative thermal oxidizer with a heat input rate of 7.9 million British thermal units per hour (MMBtu/hr), constructed in 2003;
  - (5) One (1) sealer touchup spray booth, identified as SB-6, constructed in 1989, with particulate emissions controlled by a dry filter, and exhausting through stack S3;
  - (6) One (1) topcoat touchup spray booth, identified as TCB-18, constructed in 1993, with particulate emissions controlled by a dry filter, and exhausting through stack TC3; and
  - (7) One (1) natural gas-fired curing oven, identified as Ou-11, constructed prior to 1985, with a maximum capacity of 2 million British thermal units per hour (MMBtu/hr), and exhausting to stacks O2 and O3.
- (c) Woodworking equipment controlled by baghouses, including:
- (1) One (1) woodworking cell, identified as MC-2, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, identified as BH2, and exhausting either internally or to stack BHK-2;
  - (2) One (1) woodworking cell, identified as MC-3, constructed in 1998, controlled by a 61,000 cubic feet per minute baghouse, identified as BH3, and exhausting either internally or to stack BHK-3;

- (3) One (1) woodworking cell, identified as MC-5, constructed in 1997, controlled by a 61,000 cubic feet per minute baghouse, identified as BH5, and exhausting either internally or to stack BHK-5;
  - (4) One (1) woodworking cell, identified as MC-6, constructed in 1986, controlled by a 61,000 cubic feet per minute baghouse, identified as BH6, and exhausting either internally or to stack BHK-6; and
  - (5) One (1) woodworking cell, identified as MC-7, constructed in 1986, controlled by a 48,000 cubic feet per minute baghouse, identified as BH7, and exhausting either internally or to stack BHK-7.
- (d) Woodworking equipment controlled by baghouses including:
- (1) One (1) woodworking cell, identified as MC-1, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, identified as BH1, and exhausting either internally or to stack BHK-1; and
  - (2) One (1) woodworking cell, identified as MC-4, constructed in 1968, controlled by a 35,000 cubic feet per minute baghouse, identified as BH4, and exhausting either internally or to stack BHK-4.

A.4 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities as defined in 326 IAC 2-7-1(21):

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (b) Emission units with PM and PM10 emissions less than five (5) tons per year, SO<sub>2</sub>, NO<sub>x</sub>, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:
  - (1) One (1) natural gas-fired oven, identified as Ou23, with a maximum heat input capacity of 1 MMBtu per hour, and exhausting at stack O4. [326 IAC 6-1-2]
  - (2) One (1) topcoat storage tank with a capacity of 3,000 gallons; and
  - (3) One (1) sealer storage tank with a capacity of 3,000 gallons.
- (c) Activities associated with the treatment of wastewater streams with a oil and grease content less than or equal to 1% by volume.
- (d) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
- (e) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.

**SECTION D.2**

**FACILITY OPERATION CONDITIONS**

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

- (c) Woodworking equipment controlled by baghouses including:
  - (1) One (1) woodworking cell, identified as MC-2, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, identified as BH2, and exhausting either internally or to stack BHK-2;
  - (2) One (1) woodworking cell, identified as MC-3, constructed in 1998, controlled by a 61,000 cubic feet per minute baghouse, identified as BH3, and exhausting either internally or to stack BHK-3;
  - (3) One (1) woodworking cell, identified as MC-5, constructed in 1997, controlled by a 61,000 cubic feet per minute baghouse, identified as BH5, and exhausting either internally or to stack BHK-5;
  - (4) One (1) woodworking cell, identified as MC-6, constructed in 1986, controlled by a 61,000 cubic feet per minute baghouse, identified as BH6, and exhausting either internally or to stack BHK-6; and
  - (5) One (1) woodworking cell, identified as MC-7, constructed in 1986, controlled by a 48,000 cubic feet per minute baghouse, identified as BH7, and exhausting either internally or to stack BHK-7.
  
- (d) Woodworking equipment controlled by baghouses including:
  - (1) One (1) woodworking cell, identified as MC-1, constructed in 1968, controlled by a 61,000 cubic feet per minute baghouse, identified as BH1, and exhausting either internally or to stack BHK-1; and
  - (2) One (1) woodworking cell, identified as MC-4, constructed in 1968, controlled by a 35,000 cubic feet per minute baghouse, identified as BH4, and exhausting either internally or to stack BHK-4.

**Insignificant Activities:**

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

(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 2-7-5(1)]**

**D.2.1 PSD Minor Limit [326 IAC 2-2]**

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), the particulate matter emissions from the woodworking cells MC-3, MC-5, MC-6, and MC-7 shall not exceed the following pound per hour limitations: