



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

4/21/2010

Mr. Tim More
MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)
15535 South State Street
P.O. Box 1055
Middlefield, OH 44062

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0204000360
Permit Number: P0105952
Permit Type: Initial Installation
County: Ashtabula

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Star Beacon. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 43087

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northeast District Office at (330)425-9171.

Sincerely,


Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-NEDO; Pennsylvania; Canada



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description:

The facility is located at 150 Grand Valley Avenue in Orwell, Ashtabula County, Ohio. The facility manufactures wooden cabinets and operates under SIC 2434. The facility is currently a synthetic minor facility for VOC and HAP to avoid TV permitting.

3. Facility Emissions and Attainment Status:

The facility is currently operating under a synthetic minor permit to avoid Title V permitting, with allowable PM-10 emissions at this plant of 64.250 tpy. Orwell is located in Ashtabula County and is classified as attainment for PM-2.5. The State of Ohio currently regulates PM-10 emissions as a surrogate for PM-2.5.

4. Source Emissions:

This permit is to allow for the installation of woodworking equipment for the manufacture of cabinet doors. This process is now outsourced but will be brought in-house after the installation of this equipment. The equipment will be vented into two 52,500 cfm baghouses, and permitted as Ohio EPA ID P008 and P009. MASCO has chosen a BAT determination of 0.0025 grain PM-10 per dscf of exhaust and 0.005 grain PE per dscf of exhaust with corresponding hourly limitations from the baghouses to restrict the facility to less than 100 tpy and avoid TV permitting.

After the installation of this equipment the allowable PM-10 emissions at this plant will be $64.250 + 7.98 = 72.23$ tpy, which will allow this plant to continue to operate as a synthetic minor facility.

5. Conclusion:

After this permit is issued, the plant will remain a synthetic minor facility and not subject to TV permitting.

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
<u>PE</u>	<u>15.96</u>
<u>PM-10</u>	<u>7.98</u>

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)

Issue Date: 4/21/2010
Permit Number: P0105952
Permit Type: Initial Installation
Permit Description: woodworking equipment vented into two 42,500 cfm baghouses
Facility ID: 0204000360
Facility Location: MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)
150 GRAND VALLEY AVE.,
ORWELL, OH 44076
Facility Description: Wood Kitchen Cabinet and Countertop Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Bridget Byrne at Ohio EPA DAPC, Northeast District Office, 2110 East Aurora Road or (330)425-9171. The permit can be downloaded from the Web page: www.epa.ohio.gov/dapc



DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for**

MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)

Facility ID: 0204000360
Permit Number: P0105952
Permit Type: Initial Installation
Issued: 4/21/2010
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install and Operate

for
MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)

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Authorization

Facility ID: 0204000360
Application Number(s): A0038809
Permit Number: P0105952
Permit Description: woodworking equipment vented into two 42,500 cfm baghouses
Permit Type: Initial Installation
Permit Fee: \$400.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 4/21/2010
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)
150 GRAND VALLEY AVE.
ORWELL, OH 44076

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 43087
(330)425-9171

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director



Authorization (continued)

Permit Number: P0105952
Permit Description: woodworking equipment vented into two 42,500 cfm baghouses

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Group Name: P008 & P009

Emissions Unit ID:	P008
Company Equipment ID:	P008
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P009
Company Equipment ID:	P009
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northeast District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group - P008 & P009: P008, P009,

EU ID	Operations, Property and/or Equipment Description
P008	Woodworking equipment vented to 42,500 cfm baghouse
P009	Woodworking equipment vented to 42,500 cfm baghouse

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. b)(2)b.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D), as effective 11/30/01, to avoid Title V permitting requirements	See b)(2)a and b)(2)b.
b.	OAC rule 3745-31-05(D)(1)(b), as effective 12/01/06, to avoid Title V permitting requirements	See b)(2)b and b)(2)c.
c.	OAC rule 3745-17-11(B) OAC rule 3745-17-07(A)	The requirements established pursuant to OAC rules 3745-17-11(B) and 3745-17-07(A) are less stringent than the requirements established pursuant to OAC rule 3745-31-05(D)(1)(b).

(2) Additional Terms and Conditions

a. The requirement to comply with these PE/PM-10 limitations shall terminate on the date the U.S. EPA approves the requested revision to OAC rule 3745-31-05 in the Ohio SIP.

- b. The Best Available Technology determination for all activities associated with this emissions unit and requested by the permittee shall be:
 - i. Particulate emissions (PE) shall not exceed 0.005 grain per dscf from the baghouse stack.
 - ii. Particulate matter less than 10 microns (PM-10) shall not exceed 0.0025 grain per dscf from the baghouse stack.
 - iii. The permittee shall use high efficiency bags.
 - iv. PE shall not exceed 1.82 lbs/hr and 7.98 tpy from the baghouse stack.
 - v. PM-10 emissions shall not exceed 0.91 lb/hr and 3.99 tpy from the baghouse stack.
 - vi. Visible PE from the baghouse stack shall not exceed 0% opacity as a 6-minute average.
- c. The limitations in b)(2)b shall be effective and federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP.
- c) Operational Restrictions
 - (1) The pressure drop across the baghouse shall be maintained within the range of 1 to 5 inches of water while the emissions unit is in operation. The listed pressure drop range applies at all times except following rebagging until sufficient filter cake is developed on the bags.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop on a weekly basis.
 - (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. the total duration of any visible emission incident; and
 - c. any corrective actions taken to eliminate the visible emissions.
 - (3) Notwithstanding the frequency of reporting requirements specified in d)(2), the permittee may reduce the frequency of visual observations from daily to weekly for this emissions unit if the following conditions are met:

- a. for 1 full quarter the facility's visual observations indicate no visible emissions;
and
- b. the permittee continues to comply with all the record keeping and monitoring requirements specified above.

The permittee shall revert to daily readings if any visible emissions are observed.

e) Reporting Requirements

- (1) The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
- (2) The permittee shall submit annual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northeast District Office) each year in the PER and shall cover the previous year.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

Visible PE from the baghouse stack shall not exceed 0% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated through visible PE observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- b. Emission Limitations:

PE shall not exceed 1.82 lbs/hr and 7.98 tpy from the baghouse stack.

PM-10 emissions shall not exceed 0.91 lb/hr and 3.99 tpy from the baghouse stack.

Applicable Compliance Method:

These limitations are based upon the design of the baghouse and compliance with the grain loading limitations. Compliance with the grain loading limitations has been demonstrated at similar control equipment at this facility.

Compliance shall be demonstrated through emission tests performed in accordance with the methods and procedures specified in f)(2) below.

The tpy emission limitations were developed by multiplying the short-term allowable PE and PM-10 emission limitations (as appropriate) by the maximum annual hours of operation (8,760 hours), and then dividing by 2,000 lbs per ton. Therefore, if compliance is shown with the short-term allowable emission limitations, compliance shall also be shown with the annual emission limitations.

c. Emission Limitations:

PE shall not exceed 0.005 grain per dscf from the baghouse stack.

PM-10 shall not exceed 0.0025 grain per dscf from the baghouse stack.

Applicable Compliance Method:

These limitations are based upon the design of the baghouse. Compliance with the grain loading limitations has been demonstrated at similar control equipment at this facility.

Compliance shall be demonstrated through emission tests performed in accordance with the methods and procedures specified in f)(2) below.

(2) The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. Emissions testing shall be completed on one of the following emissions units on a rotating 5 year schedule.

Plant 2:

- P006 (P2-10916)
- P007 (P2-10911)
- P010 (P2-10904)
- P011 (P2-10909)
- P012 (P2-10903)
- P013 (P2-10914)
- P014 (P2-10905)
- P019 (P2-10918)
- P020 (P2-10915)

Plant 3:

- P008 (TBD)

P009 (TBD)

b. The emission testing shall be conducted to demonstrate compliance with 0.005 grain PE per dscf and 0.0025 grain PM-10 per dscf and with the hourly mass emission limitations specified in b)(2)b.

c. The following test methods shall be employed to demonstrate compliance with the allowable emission rates:

Methods 1 - 5 of 40 CFR Part 60, Appendix A; and

Method 201 of 40 CFR Part 51, Appendix M.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while the emissions unit is operating at current operating conditions, as discussed in the March 23, 2010 meeting in the Ohio EPA Central Office and memorialized in MASCO's letter dated April 8, 2010.

e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

f. Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

g) **Miscellaneous Requirements**

(1) The permittee shall submit an Emissions Unit Table for this emissions unit to the Director (the Ohio EPA, Northeast District Office) on an annual basis. This table shall include an identification of all equipment included in this emissions unit. The table shall also identify the following changes: equipment which was removed from this emissions unit, equipment which was new to this unit, replacement equipment and permanently shut down and/or dismantled equipment. This report shall be current as of the end of the

Draft Permit-to-Install and Operate
MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)
Permit Number: P0105952
Facility ID: 0204000360
Effective Date: To be entered upon final issuance

calendar year and shall be submitted to the Director (the Ohio EPA, Northeast District Office) by February 28 of each year.

- (2) The permittee shall submit a table of PTI exempted emissions units to the Director (the Ohio EPA, Northeast District Office) on an annual basis for Plant 3. This report shall be submitted to the Director (the Ohio EPA, Northeast District Office) by February 28 of each year.

TABLE FOR EMISSIONS UNIT P008, JIT DOOR CELL, AT PLANT 3

EPA Label = TBD

Date 2/2009

Equipment	CFM in ductwork
Opti-Sand	6084
Opti-Sand	497
Grinder	497
S90 chop saw	1987
T-rex	1117
T-rex	776
T-rex	776
T-rex	776
Martin Shaper	776
Balestrini Miter Machine	1117
Balestrini Miter Machine	1987
Panel Router 1	1987
Panel Router 1	1117
Panel Router 2	3104
Panel Router 2	1117
Panel Sander-Heeseman LSM	3104
Panel Sander-Heeseman LSM	1117

TABLE FOR EMISSIONS UNIT P009, JIT DOOR CELL, AT PLANT 3

EPA Label = TBD

Date 2/2009

Equipment	CFM in ductwork
Edge Router 1	1117
Edge Router 1	3104
Edge Router 2	1117
Edge Router 2	3104
Finish Sander-Heeseman LSM	1117
Finish Sander-Heeseman LSM	1117
Finish Sander-Heeseman LSM	1117
Finish Sander-Heeseman LSM	1521
Finish Sander-Heeseman LSM	1521
Finish Sander-Heeseman LSM	1521

Draft Permit-to-Install and Operate
 MASCO Retail Cabinet Group, LLC (KraftMaid - Plant 3)
Permit Number: P0105952
Facility ID: 0204000360
Effective Date: To be entered upon final issuance

Finish Sander-Heeseman LSM	1521
Finish Sander-Heeseman LSM	1521
Finish Sander-Heeseman LSM	1521
Finish Sander-Heeseman LSM	2514
Steggar Mullion Machine	497
Weeke BP-Mullion area	1117
Weeke BP-Mullion area	3104
Holzma-380	1117
Holzma-380	1117
Holzma-380	1987
Holzma-380	1117
Holzma-380	1117
Holzma-380	1987
Altendorf	497
Grinder	1987
S35 Chop Saw	1117
Grinder	1987