



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF CONSTRUCTION CODES  
IRVIN J. POKE  
DIRECTOR

STEVEN H. HILFINGER  
DIRECTOR

**CONSTRUCTION CODE COMMISSION  
BUREAU OF CONSTRUCTION CODES**

Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**\*\*\*AMENDED AGENDA\*\*\***

October 5, 2011  
9:30 a.m.

1. Call to Order and Determination of Quorum
2. Approval of Agenda (Pages 1-2)
3. Approval of Minutes – July 6, 2011 (Pages 9-16)
4. Director’s Report I. Poke
5. Performance Evaluation Report **\*\*\*AMENDED\*\*\*** I. Poke
  - a) Charter Township of Royal Oak – Document #11-41  
(Pages 17-35)
6. Applications to Administer and Enforce I. Poke
  - Genoa Township – Document #11-39 (see packet number 1)
  - City of Alpena – Document #11-37 (see packet number 2)
  - Alpena Township – Document #11-38 (see packet number 3)
  - City of Highland Park – Document #11-40 (see packet number 4)
7. Applications for Program Approval – Document # 11-33  
(Pages 36-41) L. Lehman
8. Applications for Instructor Approval – Document # 11-34  
(Pages 42-44) L. Lehman
9. Applications for Inspector Registration
  - a) Recommendation of Approval – Document #11-35 a-d  
(Pages 45-49) L. Lehman

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10. Product Approvals

- a) Sure Seal, LLC (Plumbing) – Document #11-43 (Pages 50-51) R. Konyndyk
- b) John Guest USA Inc. (Plumbing) – Document #11-44 (Pages 52-53) R. Konyndyk

11. Certificate of Acceptability

T. Cordill

- a) Mobile Modular Express II LLC – CA #534 – Document #11-36 (Page 54)
- b) Systems Control Division of Northern Star Industries – CA #532 – Document #11-42 (Page 55)

12. Public Comment

13. Unfinished Business

14. New Business

15. 2012 Schedule – January 4, April 4, July 9, October 3

16. Adjournment

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Jocelyn Krueger at (517) 241-9302 at least 10 work days before the event.



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENERGY, LABOR & ECONOMIC GROWTH  
LANSING

STEVEN H. HILFINGER  
DIRECTOR

**CONSTRUCTION CODE COMMISSION**  
**BUREAU OF CONSTRUCTION CODES**  
Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**MINUTES**  
April 6, 2011  
9:30 a.m.

**MEMBERS PRESENT**

Mr. Thomas Baldwin  
Mr. Mark Bauer  
Mr. Duane Branch  
Mr. William Benoit, Jr. (Chair)  
Mr. Roger Donaldson  
Mr. Frederick Butters  
Mr. Roger Papineau  
Mr. William Duffield  
Mr. Matthew Reno  
Mr. Tony Sanfilippo

**MEMBERS ABSENT**

Mr. James Cash  
Mr. Robert Jagenberg  
Mr. Jack (Clifton) Lewis  
Mr. Sean O'Neil  
Mr. Beth Yorke

**DEPARTMENT OF ENERGY LABOR & ECONOMIC GROWTH PERSONNEL**  
**ATTENDING**

Mr. Irvin J. Poke, Director  
Mr. Keith Lambert, Deputy Director  
Ms. Amie Ostrander, Analyst, Office of Management Services  
Ms. Hillary Cushman, Secretary to Ms. Young  
Mr. David Vigas, Director, Office of Management Services  
Ms. Deb Young, Director, Office of Administrative Services  
Mr. Larry Lehman, Chief, Building Division  
Mr. Charles Curtis, Assistant Chief, Building Division  
Mr. Michael Somers, Analyst, Office of Administrative Services  
Mr. Daniel O'Donnell, Chief, Electrical Division  
Mr. James Hennesey, Assistant Chief, Electrical Division  
Mr. Kevin Kalakay, Chief, Mechanical Division  
Mr. Robert Konyndyk, Chief, Plumbing Division  
Mr. Andy Neuman, Assistant Chief, Plumbing Division

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**OTHERS IN ATTENDANCE**

Mr. Steve Crane, LCHBA  
Mr. Jim Rowell, Livingston County  
Mr. Stephen Davis, Livingston County Home Builders  
Mr. Lee Schwartz, MAHB  
Mr. Julie Fielek, LCHBA  
Mr. Boyd Buchanan, HBALC  
Ms. Cindy Maher, MPMCA  
Ms. Kelly VanMarter, Genoa Township  
Mr. Michael Archinal, Genoa Township  
Mr. Gary T. McCririe, Genoa Township  
Mr. Frank Mancuso, Genoa Township  
Mr. Lynn Briggs, SMACNA/MIAM/MMIA  
Mr. Dennis Smith, Genoa Township  
Mr. Gerald Carrico, McDonald Modular  
Mr. Bill Sheffer, Michigan Manufactured Housing Association  
Mr. Mark Kidd, MIACCA  
Mr. Mr. Ron Brown, NFSAWayne Jewell

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

Chairperson Benoit called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

2. **APPROVAL OF AGENDA**

Commissioner Donaldson moved to approve the agenda. Commissioner Branch second the motion. **MOTION CARRIED.**

3. **APPROVAL OF MINUTES**

Commissioner Bauer moved to approve the minutes of the January 5, 2011, meeting. Commissioner Donaldson second the motion. **MOTION CARRIED.**

4. **DIRECTOR'S REPORT**

Mr. Poke welcomed all new Commissioners. He stated that they had their orientation prior to the meeting and should be able to hit the ground running.

Effective April 25, 2011, the Department of Energy, Labor and Economic Growth will become the Department of Licensing and Regulatory Affairs (LARA).

The 2009 Building, Residential, Rehabilitation and Energy Codes went into effect March 9, 2011.

March 9, a number of construction industry organizations met with Director Hilfinger and Deputy Director DeBano to show support for the Bureau of Construction Codes.

The ICC 2012 Codes should be available at the end of the month. The Bureau will start to look at the codes later this year.

Mr. Poke introduced Mr. Keith Lambert as the Bureau's new Deputy Director.

COCM is currently in session in Kalamazoo.

Mr. Poke indicated that he would be presenting at the Huron Valley Building Officials Association at Washtenaw Community College on April 7, 2011 to give a Legislative and Bureau update.

Mr. Poke was pleased to announce the return of Amie Ostrander. She returned to the Bureau as an analyst in the Office of Management Services. In the absence of a new assistant for Mr. Poke, Amie helped out with this meeting because she is familiar with the process. We're all glad to have Amie back.

5. **REPORT OF ASSISTANCE TO LOCAL ENFORCING AGENCIES**

Mr. Keith Lambert presented, for information only, projects for which the bureau is providing assistance.

6. **APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE  
Document 11-09a & 11-09b**

Mr. Michael Somers presented applications for approval to administer and enforce with appropriate or proposed ordinances as outlined in Document 11-09 a-b.

Commissioner Reno moved to accept the recommendation of staff to approve the applications and ordinances to administer and enforce. Commissioner Donaldson second the motion. **MOTION CARRIED.**

7. **APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE  
Document 11-09c**

Mr. Irvin Poke presented an application for approval to administer and enforce for the Township of Genoa. It is the recommendation of staff to deny this application and ordinances to administer and enforce.

The following discussion ensued:

Mr. Steve Crane, President, LCHBA, provided documentation and other information to support their opposition to the Genoa Township Application to Administer and Enforce.

Mr. Jim Rowell, Building Director, Livingston County Building Department stated that he was present to answer any questions regarding the county program in reference to the Genoa Township Application to Administer and Enforce.

Mr. Lee Schwartz (MAHB) together with Ms. Cindy Maher (MPMCA) and Mr. Chris Fisher (ABC) welcomed all the new commissioners and stated their opposition to the Genoa Township Application to Administer and Enforce, most notably the fee structure.

Ms. Cindy Maher (MPMCA) stated that her organization opposes the Genoa Township Application to Administer and Enforce.

Mr. Gary McCririe, Genoa Township Supervisor, stated that the Genoa Township Application to Administer and Enforce has been submitted to the Commission in response to complaints of county services by constituents and customers. They provided their application in a timely manner and responded to concerns within a timeframe set forth by Mr. Somers. Mr. McCririe stated that they will be responsive and answer any questions the Bureau has referencing the application.

Mr. Frank Mancuso, Attorney, Genoa Township spoke addressing all twelve of the concerns set forth by the Bureau in response to the Genoa Township Application to Administer and Enforce.

Mr. Lynn Briggs spoke representing SMACNA and MIA stating that they are very much opposed to the Genoa Township Application to Administer and Enforce.

Mr. Poke addressed the statements from Genoa Township regarding submitting a timely application. He advised the Commission that the Township only submitted an application after they were contacted by the Bureau of Construction Codes, to advise them that they could not start a local code enforcement program which they were advertising to start February 1, 2011 without prior approval. Mr. Poke also stated that the Township didn't respond to the comments generated by the Bureau from the initial application until the day the information was due to be posted on the web. In response to the comments from the Township regarding constituent complaints, Mr. Poke stated that the Commission has the authority to investigate such complaints, however, none have been received.

Mr. Mike Archinal, Genoa Township Manager, stated that the Township is trying to comply with the laws for their Application to Administer and Enforce to improve the service for their customers. He advised the Commission that this is not about profit, but service.

Commissioner Donaldson asked if the issues with the Genoa Township Application to Administer and Enforce were things that could be corrected and later be approved.

Mr. Poke responded that this is new ground and would need to be researched.

Chairman Benoit expressed his opinion supporting the denial of the Genoa Township Application to Administer and Enforce.

Commissioner Baldwin moved to accept the recommendation of staff to deny the application and ordinances to administer and enforce. Commissioner Branch second the motion. **MOTION CARRIED.**

8. **APPLICATIONS FOR PROGRAM APPROVAL**  
**Document 11-10**

Mr. Larry Lehman presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

Commissioner Bauer moved to accept the recommendation of staff to approve the programs. Commissioner Donaldson second the motion. **MOTION CARRIED.**

9. **APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL**  
**Document 11-11**

Mr. Larry Lehman presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

Commissioner Baldwin moved to accept the recommendation of staff to approve the applications as submitted. Commissioner Reno second the motion. **MOTION CARRIED.**

10. **APPLICATIONS FOR REGISTRATION OF CODE OFFICIALS –  
RECOMMENDATION FOR APPROVAL**  
**Document 11-12 a-f**

Mr. Larry Lehman presented a list of applications for registration as building officials, building inspectors, plan reviewers, electrical inspectors, mechanical inspectors and plumbing inspectors. It is the recommendation of staff that the individuals listed be approved.

Commissioner Donaldson moved to accept the recommendation of staff to approve the applications as submitted. Commissioner Duffield second the motion. **MOTION CARRIED.**

11. PERFORMANCE EVALUATION REPORT – MENOMINEE COUNTY

Mr. Somers presented information verifying Menominee County completed corrective action based on the recommendation of the Commission from the January 5, 2011 meeting.

Commissioner Branch moved to accept the recommendation of staff and close the file. Commissioner Duffield second the motion. **MOTION CARRIED.**

12. PUBLIC COMMENT

NONE

13. OLD BUSINESS

NONE

14. NEW BUSINESS

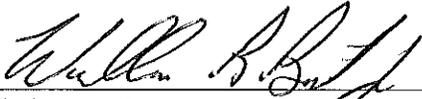
NONE

15. 2011 MEETING SCHEDULE – July 6, October 5

16. ADJOURNMENT

Commissioner Baldwin moved to adjourn the meeting at approximately 10:50 AM. Commissioner Bauer second the motion. **MOTION CARRIED.**

APPROVED:

  
\_\_\_\_\_  
Chairman, Construction Code Commission

7-6-11  
Date



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
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**CONSTRUCTION CODE COMMISSION**  
**BUREAU OF CONSTRUCTION CODES**  
Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**MINUTES**  
July 6, 2011  
9:30 a.m.

**MEMBERS PRESENT**

Mr. William Benoit, Jr. (Chair)  
Mr. Thomas Baldwin  
Mr. Mark Bauer  
Mr. Frederick Butters  
Mr. James Cash  
Mr. Roger Donaldson  
Mr. William Duffield  
Mr. Ronald Farr  
Mr. Robert Jagenberg  
Mr. Sean O'Neil  
Mr. Roger Papineau  
Mr. Matthew Reno  
Mr. Edwin Tatem  
Ms. Beth Yorke

**MEMBERS ABSENT**

Mr. Duane Branch  
Mr. Jack (Clifton) Lewis  
Mr. Nelson McMath

**DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS PERSONNEL**

**ATTENDING**

Mr. Irvin J. Poke, Director  
Ms. Keith Lambert, Deputy Director  
Ms. Jocelyn Krueger, Assistant to Mr. Poke  
Ms. Hillary Cushman, Secretary to Ms. Young  
Mr. David Vigas, Director, Office of Management Services  
Ms. Deb Young, Director, Office of Administrative Services  
Mr. Larry Lehman, Chief, Building Division  
Mr. Charles Curtis, Assistant Chief, Building Division  
Mr. Michael Somers, Analyst, Office of Administrative Services  
Mr. James Hennesey, Assistant Chief, Electrical Division  
Mr. Kevin Kalakay, Chief, Mechanical Division  
Mr. Jon Paradine, Assistant Chief, Mechanical Division

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Ms. LeeAnn Allaire, Analyst, Office of Management Services  
Mr. Todd Cordill, Chief, Plan Review Division  
Mr. Robert Konyndyk, Chief, Plumbing Division  
Mr. Andy Neuman, Assistant Chief, Plumbing Division

**OTHERS IN ATTENDANCE**

Mr. Chris Fisher, ABC  
Mr. David Vanderklok, AIA Michigan  
Mr. Donald H. Gilmet, City of Alpena/Alpena Township  
Mr. David Flack, Department of Corrections  
Mr. Michael Archinal, Genoa Township  
Mr. Ron Jones, Resident, Genoa Township  
Mr. Barry Malone, Genoa Township  
Mr. Frank Mancuso, Genoa Township  
Mr. Gregory Need, Genoa Township  
Ms. Kelly VanMarter, Genoa Township  
Mr. Corey Roblee, ICC  
Mr. Boyd Buchanan, LCHBA  
Mr. Steve Crane, LCHBA  
Mr. Stephen Davis, LCHBA  
Ms. Julie Fielek, LCHBA  
Mr. Randy Kalinski, LCHBA  
Mr. Daniel Drew, Livingston County Building Department  
Mr. Jim Rowell, Livingston County Building Department  
Mr. Lee Schwartz, MAHB  
Mr. Mark Kidd, MIACCA  
Mr. Tim DeWitt, MMHA  
Ms. Cynthia Maher, MPMCA  
Mr. Jeffrey Bowdell  
Mr. Michael Sissen

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

Chairperson Benoit called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

2. **APPROVAL OF AGENDA**

Commissioner Donaldson moved to approve the agenda. Commissioner Jagenberg second the motion. **MOTION CARRIED.**

3. **APPROVAL OF MINUTES**

Commissioner Bauer moved to approve the minutes of the April 6, 2011, meeting. Commissioner Baldwin second the motion. **MOTION CARRIED.**

4. DIRECTOR'S REPORT

Mr. Poke introduced his new executive assistant, Jocelyn Krueger.

5. RECOMMENDATION TO CONDUCT PERFORMANCE EVALUATION  
Document #11-19

Mr. Poke presented to the commission for approval a recommendation to conduct a performance evaluation for the Charter Township of Royal Oak.

Commissioner Reno moved to approve the bureau's request to conduct a performance evaluation. Commissioner O'Neil second the motion. **MOTION CARRIED.**

6. REPORT OF ASSISTANCE TO LOCAL ENFORCING AGENCIES  
Document #11-20

Mr. Keith Lambert presented, for information only, projects for which the bureau is providing assistance.

7. APPLICATIONS TO ADMINISTER AND ENFORCE  
a) Genoa Township - Document #11-29 (see packet #1)

Mr. Poke presented an Application to Administer and Enforce for the Township of Genoa. It is the recommendation of staff to deny this Application to Administer and Enforce.

The following discussion ensued:

Mr. Poke informed the Commission that a number of deficiencies were present in the documentation submitted by Genoa Township. An attempt by the Township was made to correct the issues, though deficiencies still exist. Definitive information is still required even though a preliminary budget has been provided. Mr. Poke stands by his original recommendation for denial.

Commissioner O'Neil informed the group that his employer, White Lake Township, also retains the services of Genoa Township's current attorney, Mr. Gregory Need. Commissioner O'Neil gave his assurance that this professional relationship will have no effect on his decisions as a Commissioner.

Mr. Lee Schwartz, MAHB, stated his continued opposition to Genoa Township's Application to Administer and Enforce and referenced his concerns as outlined in his June 29, 2011, and July 5, 2011, memorandums.

Mr. Steve Crane, President, LCHBA, stated his organization's opposition to the Genoa Township Application to Administer and Enforce and said fees could go up if other

townships are permitted to follow suit and that the revenue from the 170 applications in Genoa Township currently processed through Livingston County would not create a sustainable revenue stream.

Mr. Ron Jones, Genoa Township resident and former builder, voiced his concerns regarding the attempt to create a separate building department and mentioned the proposed Genoa Township Building Department would only be four miles from the Livingston County Building Department, that additional staff would need to be hired to run the department, and that assistance would still be needed from Livingston County for environmental and drain commission issues.

Mr. Frank Mancuso, attorney for Genoa Township, mentioned the need for a separate building department to address the problem of dangerous structures as it has been assumed the county does not have enough manpower to handle the structures. Mr. Mancuso also explained that the complaints they have received center around the length of Livingston County's approval time for small project permits.

Mr. Gregory Need, attorney representing Genoa Township, confirmed that all three inspectors for Genoa Township would also be SafeBuilt employees and that their fees are in line with those charged by Livingston County. The department revenue will not be used to enforce zoning ordinances. Mr. Need also indicated that the questionable language stating a permit would expire in 180 days if no inspection is requested would be removed from their application and that a complete breakdown of inspection fees would be provided to the Commission.

Mr. Poke indicated that it is his understanding that work is being completed within Genoa Township without the proper permits being pulled and that the alleged non-responsiveness of Livingston County was never brought to the bureau's attention. Commissioner Duffield also asked whether any manufactured housing communities exist within Genoa Township's jurisdiction and Mr. Michael Archinal, Genoa Township Manager, confirmed the existence of the communities.

Mr. Jim Rowell, Livingston County building official, licensed contractor, and Genoa Township resident noted that as a private company, SafeBuilt documents would not be subject to the Freedom of Information Act (FOIA) and that Genoa Township was inactive on this issue before a financial incentive for a separate building department was introduced. In addressing structures that need to be demolished, Mr. Rowell indicated that an ordinance already exists that blankets the entire county regarding unsafe structures. A recommendation for denial is supported.

Commissioner Yorke moved to accept the bureau's recommendation to deny the Genoa Charter Township Application to Administer and Enforce. Commissioner Reno second the motion. **MOTION CARRIED.**

**b) City of Alpena - Document #11-30 (see packet #2)**

Mr. Irvin Poke presented an Application to Administer and Enforce for the City of Alpena. It is the recommendation of staff to deny this Application to Administer and Enforce.

The following discussion ensued:

Mr. Poke advised the Commission that information had been received by his office a day earlier in which the City of Alpena and Alpena Township attempted to address and rectify the deficient items. Upon cursory review, the applications are still deficient and the recommendation for denial still stands.

Mr. Donald Gilmet, Building Official representing the City of Alpena and Alpena Township, stated that they have always used the state for electrical, mechanical, and plumbing inspections but that an eight day wait on an electrical inspector's visit is unacceptable. If the state could offer inspections more than once per week, they would be happy to withdraw their application. Mr. Gilmet also addressed the additional deficiencies, including the fee schedule, and asked the Commission to go against the recommendation of staff for denial.

Mr. Poke and Chairman Benoit reiterated that staff has not had enough time to completely review the proposed corrections.

Commissioner O'Neil moved to accept the bureau's recommendation to deny the City of Alpena Application to Administer and Enforce. Commissioner Donaldson second the motion. **MOTION CARRIED.**

**c) Alpena Township - Document #11-31 (see packet #3)**

Mr. Irvin Poke presented an Application to Administer and Enforce for Alpena Township. It is the recommendation of staff to deny this Application to Administer and Enforce.

Commissioner Donaldson moved to accept the bureau's recommendation to deny the Alpena Charter Township Application to Administer and Enforce. Commissioner Bauer second the motion. **MOTION CARRIED.**

**d) City of Highland Park - Document #11-32 (see packet #4)**

Mr. Irvin Poke presented an Application to Administer and Enforce for the City of Highland Park. It is the recommendation of staff to deny this Application to Administer and Enforce.

Commissioner Baldwin moved to accept the bureau's recommendation to deny the City of Highland Park Application to Administer and Enforce. Commissioner O'Neil second the motion. **MOTION CARRIED.**

8. **RESCINDING ORDINANCES**

**Document #11-21**

Mr. Somers presented information on several rescinding ordinance recommendations. Both the City of St. Ignace and St. Ignace Township would like to rescind their building code authorities to the bureau, which currently provides mechanical, plumbing, and electrical enforcement authority. The City of Charlotte would like to rescind their authority to Eaton County. It is the bureau's recommendation to approve all of the requests.

Commissioner Reno moved to accept the bureau's recommendation to accept the bureau's recommendation to approve all rescinding ordinance requests. Commissioner Duffield second the motion. **MOTION CARRIED.**

9. **APPLICATIONS FOR PROGRAM APPROVAL**

**Document #11-16**

Mr. Larry Lehman presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

Commissioner Bauer moved to accept the recommendation of staff to approve the programs. Commissioner Reno second the motion. **MOTION CARRIED.**

10. **APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL**

**Document #11-17**

Mr. Larry Lehman presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

Commissioner O'Neil moved to accept the recommendation of staff to approve the instructors. Commissioner Donaldson second the motion. **MOTION CARRIED.**

11. **APPLICATIONS FOR INSPECTOR REGISTRATION**

**a) Document #11-18 a-f**

Mr. Larry Lehman presented a list of applications for registration as building officials, building inspectors, plan reviewers, electrical inspectors, mechanical inspectors and plumbing inspectors. It is the recommendation of staff that the individuals listed be approved.

Chairman Benoit asked if it can be verified that the individuals listed are employed by the enforcing agency. Mr. Lehman indicated that they are to the best of his knowledge.

Commissioner Reno moved to accept the recommendation of staff to approve the applications as submitted. Commissioner O'Neil second the motion pending the employment verification of the applicants by Mr. Lehman. **MOTION CARRIED.**

**b) Document #11-15**

Mr. Poke presented information regarding the application of Mr. Michael R. Owens. Records show Mr. Owens has been working as an unregistered electrical inspector for Royal Oak Township. It was discovered Mr. Owens submitted false information pertaining to his 2009 application for registration and was found to be performing inspections without being registered in accordance with the act. It is the recommendation of staff that Mr. Owens' application for registration be denied.

Commissioner Baldwin moved to accept the recommendation of staff to deny Mr. Owens' application for registration. Commissioner Jagenberg second the motion. **MOTION CARRIED.**

**12. PRODUCT APPROVALS**

Mr. Kalakay presented the following product for installation and use in the State of Michigan. It is the recommendation of staff and the Board of Mechanical Rules that the following products be approved:

**a) Watts Radiant (Mechanical) – Document #11-22**

Commissioner Jagenberg moved to accept the recommendation of staff to approve this product for installation and use in the State of Michigan subject to the conditions of use and installation. Commissioner Reno second the motion. **MOTION CARRIED.**

Mr. Konyndayk presented the following product for installation and use in the State of Michigan. It is the recommendation of staff and the State Plumbing Board that the following products be approved:

**b) Mr. Jason Sisler (Plumbing) – Document #11-23**

**c) American Hometec, Inc. (Plumbing) – Document #11-24**

**d) Kohler Company (Plumbing) – Document #11-25**

Commissioner Tatem moved to accept the recommendation of staff to approve these products for installation and use in the State of Michigan subject to the conditions of use and installation. Commissioner Yorke second the motion. **MOTION CARRIED.**

**13. CERTIFICATE OF ACCEPTABILITY**

Mr. Cordill presented the following certificates of acceptability for approval:

a) **CID Associates, Inc. – CA #529 – Document #11-26**

b) **Sturdisteel Co-Div of Schultz Industries, Inc. – CA #514 – Document #11-27**

c) **Shelter One, Inc. – CA #530 – Document #11-28**

Mr. Cordill mentioned that previous documents included a typographical error stating the company name as Shelton One, Inc. The errors have since been corrected to reflect the correct name, Shelter One, Inc.

Commissioner Reno moved to accept the recommendation of staff to approve the certificates of acceptability. Commissioner O’Neil second the motion. **MOTION CARRIED.**

**14. PUBLIC COMMENT**

NONE

**15. OLD BUSINESS**

NONE

**16. NEW BUSINESS**

NONE

**17. 2011 MEETING SCHEDULE – October 5**

**18. ADJOURNMENT**

Commissioner Bauer moved to adjourn the meeting at approximately 11:36 AM. Commissioner O’Neil second the motion. **MOTION CARRIED.**

APPROVED:

\_\_\_\_\_  
Chairman, Construction Code Commission

\_\_\_\_\_  
Date



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF CONSTRUCTION CODES  
IRVIN J. POKE  
DIRECTOR

STEVEN H. HILFINGER  
DIRECTOR

September 22, 2011

**DOCUMENT NO. 11-41**

TO: Members of the Construction Code Commission

FROM: Irvin J. Poke, AIA  
Director, Bureau of Construction Codes

SUBJECT: Performance Evaluation Report PE 11-002  
Charter Township of Royal Oak/Oakland County

Attached is the performance evaluation report for the Charter Township of Royal Oak in Oakland County.

IJP/ms

Attachment

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Performance Evaluation Report  
CHARTER TOWNSHIP OF ROYAL OAK

*Prepared for  
State Construction Code Commission*

*October 5, 2011*

*Irvin J. Poke, AIA, Director  
Bureau of Construction Codes*

Steven H. Hilfinger, Director  
Department of Licensing and Regulatory Affairs

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS

CHARTER TOWNSHIP OF ROYAL OAK  
PERFORMANCE EVALUATION REPORT

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| 4. EXHIBITS        | 11 |

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
REPORT ON THE PERFORMANCE EVALUATION OF  
THE CHARTER TOWNSHIP OF ROYAL OAK

**FOREWORD**

On July 27, 2011, Bureau of Construction Codes (BCC) staff conducted a performance evaluation of the Charter Township of Royal Oak's code administration and enforcement program.

The authority for this action is found in Section 9b(1) of the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230, MCL 125.1509b, which states, in part, that:

The director, as prescribed in this section, may conduct a performance evaluation of an enforcing agency to assure that the administration and enforcement of this act and the code is being done pursuant to either section 8a or 8b.

A performance evaluation of local code enforcement may be conducted by the BCC when authorized by the State Construction Code Commission (SCCC) or at the request of a local enforcing agency. This performance evaluation was authorized by the SCCC as a result of a complaint filed by the bureau.

The purpose of the evaluation was to determine the adequacy of the local code enforcement program within Royal Oak Township. The evaluation consisted of an assessment of the administrative procedures, department records, plan review functions, and field inspection procedures utilized by the Township. The evaluation also included a review of randomly selected permit files and projects under construction.

This report contains a listing of the findings from the evaluation and recommendations for program compliance.

## FINDINGS

In accordance with the provisions of Section 8b of the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230; MCL 125.1501 et seq, (hereinafter referred to as the "Act"), the Charter Township of Royal Oak (Oakland County) (hereinafter referred to as the "Township"), in accordance with Section 8b (4) of the Act, submitted a notice of intent within the required time frame which declared its intent to continue to assume the responsibility for administering and enforcing the Michigan Building, Electrical, Mechanical and Plumbing Codes.

Township representatives present and/or assisting in the July 27, 2011, performance evaluation were: Daniel Murray, Building Official, Building Inspector, Mechanical Inspector, Plumbing Inspector and Plan Reviewer (Registration No. 000429); Kevin Stultz, Electrical Inspector and Plan Reviewer (Registration No. 005526) and Karen Ballard, the Township Supervisor's executive secretary. Ms. Ballard also functions as recording secretary for the Township's Planning Commission, Zoning Commission and Zoning Board of Appeals, and generates and maintains the building department's permit records. Ms. Ballard is a full time Township employee.

The Township's Building Department is located at 21131 Garden Lane, Ferndale, Michigan, and maintains regular weekday office hours of 7:30 a.m. to 6:00 p.m. (Eastern Standard Time) Monday through Thursday. Building Official Dan Murray is directly employed by the Township on a part-time basis only and is compensated at a base rate of \$200.00 per month plus 50% of the monthly building permit fees. Mr. Stultz is directly employed by the Township and is compensated at a rate of 50% of all monthly electrical permit fees. Both Mr. Murray and Mr. Stultz are properly registered as code officials in accordance with 1986 PA 54.

This report contains a listing of the findings from the evaluation and recommendations for corrective action. The following list details the findings of the investigation and performance evaluation.

1. On December 1, 2010, the Charter Township of Royal Oak, responding to an inquiry from the bureau indicated that Mr. Michael R. Owens was performing electrical inspections for the Township. The Township was notified that a review of the bureau's inspector registration files show that Mr. Owens had not applied for registration as a code official. On March 29, 2011, the bureau received an application for registration as an electrical inspector from Mr. Owens. Upon his application form, Mr. Owens indicated that he had been employed by the Township as its electrical inspector since September of 2004. Section 12 (2), MCL 338.2312, of 1986 PA 54, requires that any person that becomes employed by a governmental subdivision as an inspector shall within 30 days of employment make application to the SCCC for provisional registration. The bureau requested the Township provide information detailing the number of electrical inspections and plan reviews performed by Mr. Owens while unregistered. However, the Township did not provide the information as requested. Although the Township subsequently terminated Mr. Owens' employment on June 1, 2011, and retained the services of Kevin Stultz, a properly registered electrical inspector and plan reviewer, the bureau discovered during the evaluation that Mr. Owens had authorized the issuance of electrical permits and had performed a number of electrical inspections for the Township while not being properly registered as a code official in accordance with 1986 PA 54.

2. Based upon a review of the documentation maintained within the building department, it was discovered that the Township utilizes an inspection report form and a written notice of violation form to communicate to permit holders violations of the code identified

during inspections. However, when notations of code violations were found within the project files, code sections were not being cited by the Township's inspectors. Section R113.2 of the 2009 Michigan Residential Code states, in part that:

"The building official is authorized to serve a notice of violation or order on the person responsible...of a building or structure in violation of the provisions of this code..."

3. The Township does not document the review of plans submitted with applications for building and trade permits. Section R106.3 of the 2009 Michigan Residential Code states:

"The building official shall examine or cause to be examined construction documents for code compliance"

4. The Township does not have a Construction Board of Appeals as required by Section 14 of the Act. Section 14 (1), MCL 125.1514 states, in part, that:

"A construction board of appeals for each governmental subdivision enforcing the code shall be created consisting of not less than 3 nor more than 7 members, as determined by the governing body of the governmental subdivision. Unless otherwise provided by local law or ordinance, the members of the board shall be appointed for 2 year terms...A member of the board of appeals shall be qualified by experience or training to perform the duties of members of the board of appeals..."

5. A central component of the complaint filed by the bureau which resulted in the performance evaluation was the Township allowing an unregistered individual to perform a substantial amount of electrical inspections over a seven (7) year time period.

6. During the evaluation Senior State Mechanical Inspector Norwood Bates and Senior State Electrical Inspector Dean Austin accompanied the Township's inspectors on site visits at (2) recently completed single family residential structures. Although the township had previously granted final electrical and mechanical inspection approvals at both projects, Mr. Bates and Mr. Austin identified violations of the Michigan Residential Code at both locations

that were not cited by the township's electrical and mechanical inspectors. (Exhibit Nos. 1 and 2).

7. During a review of the Township's current Schedule of Fees for construction code services, it was discovered that the Township has not updated its building permit fee schedule in a number of years. The authorization for the establishment of reasonable fees to provide construction code acts and services is found in Section 22 of the Act, MCL 125.1522, which states, in part:

"The legislative body of a governmental subdivision shall establish reasonable fees to be charged by the governmental subdivision for acts and services performed by the enforcing agency or construction board of appeals under this act, which fees shall be intended to bear a reasonable relation to the cost, including overhead, to the governmental subdivision...including, without limitation, those services and acts as, in case of an enforcing agency, issuance of building permits, examination of plans and specifications, inspection of construction, and the issuance of certificates of use and occupancy, and, in case of a board of appeals, hearing appeals in accordance with this act."

8. The only clerical/administrative staff assigned to assist the building department is the Township Supervisor's executive secretary. The Township's secretary also functions as the secretary for the Township's Planning Commission, Zoning Commission, Zoning Board of Appeals, assists residents with Township issues both over the phone and in person, distributes and accepts permit application forms to applicants, provides written code violation notices to permit holders through mail service, generates and distributes hand-written pre-numbered permit forms, organizes and maintains all building department permit records and files, along with performing other Township services to residents. The Township's code officials also inspect in a number of neighboring communities.

## RECOMMENDATIONS

Based on the findings of this performance evaluation, the BCC Director concludes the following changes are needed in the administration and enforcement of construction codes within the Charter Township of Royal Oak to ensure compliance with all applicable statutes and assure that construction within the Township is safe.

1. The Township shall prepare a written report listing the electrical permits issued and electrical inspections performed by the unregistered inspector, and shall conduct re-inspections of an initial batch of 25% of the permits to verify that the work completed under the selected permits complies with code. If the Township determines violations exist within the initial re-inspections, the Township shall re-inspect an additional 25% of the permits until compliance with the code has been achieved. The Township shall not charge for the re-inspections. The Township's electrical inspector must complete the additional training required in recommendation number six (6) below *before* conducting the re-inspections. The Township shall provide the inspection list report to the bureau within 30 days of approval of this report, and shall provide a status report to the bureau every 30 days detailing the Township's progress until all inspections have been completed.

2. The Township shall develop and maintain inspection procedures directing the Township's inspectors to cite code sections upon written inspection reports and correction notices that include the date the inspection was performed, the type of inspection performed, and shall bear the true signature of the inspector performing the inspection. The Township shall consistently utilize an inspection report form to document all inspections performed and that the inspection report form shall be placed within the corresponding master permit file to document

the performance of all inspections. The Township shall provide a copy of its inspection procedures and report form to the bureau within 60 days of approval of this report.

3. The Township shall document the performance of plan reviews and the approval of plans prior to permit issuance. The Township shall require plans of sufficient clarity to accompany all applications for building permits, except those that are minor in nature, and shall develop procedures to document the review of plans to determine compliance with the codes prior to the issuance of permits. The Township shall perform plan reviews as required by the code and shall maintain copies of the plan review reports in the permit file. The Township shall review plans during inspections to verify construction is being performed in accordance with approved plans, and the code. If construction deviates from the plans, approval must be obtained from the building inspector. The Township shall develop and consistently utilize proper plan review procedures and plan review record keeping procedures and shall provide the bureau with a copy of those procedures within 60 days of approval of this report.

4. The Township shall establish and maintain a Construction Board of Appeals staffed with individuals qualified by experience and training, and shall develop procedures for processing and hearing appeals related to code decisions rendered by the Township inspectors in accordance with Section 14 of the Act, MCL 125.1514. The Township shall provide a written set of procedures governing its Construction Board of Appeals, and shall provide the names and qualifications of the members of its board of appeals to the bureau within 60 days of approval of this report.

5. The Township shall develop and maintain a written procedure to actively monitor the registration status of each inspector employed by the Township to assure that the code is

being enforced by properly registered code officials in accordance with 1986 PA 54 and shall provide a copy of the procedure to the bureau within 60 days of approval of this report.

6. a) The Township shall review the electrical and mechanical permit and inspection records for the structures located at 21056 and 21094 Woodside, Ferndale, Michigan, and shall prepare a report that addresses the violations listed in Exhibits 1 and 2. The Township's report should identify the party responsible for creating the violations and shall include copies of the electrical and mechanical permits, inspection reports, code violation/correction notices, and shall document all enforcement actions undertaken by the Township until compliance with the code has been achieved. The Township shall submit its report to the bureau within 60 days of approval of this report.

b) Due to the lack of proper inspection and violations described within this finding, the Township's mechanical inspector shall complete (9) hours of educational training in the mechanical technical and specialty categories (which will include inspection techniques) and the Township's electrical inspector shall complete (9) hours of educational training in the electrical technical and specialty categories (which will include inspection techniques) in addition to the amount of hours required for re-registration. This additional training must be completed within 60 days of approval of this report.

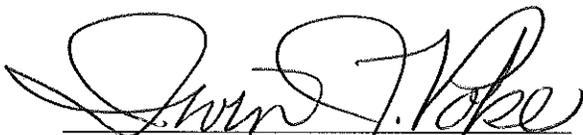
7. The Township shall conduct a review of its Schedule of Fees to determine if sufficient fees are being charged to recover the cost of providing construction code services to the public.

8. The Township shall take the appropriate action to assure follow-up on active permits, pursue timely compliance on open and expired permits, organize and properly maintain

permit files and file documentation to adequately discharge its code administration and enforcement responsibilities to provide for the public's safety in the built environment.

The Township shall comply in a timely manner with the recommendations contained within this report. It is recommended that the bureau conduct a re-evaluation of the Township's construction code administration and enforcement program within 3-6 months after the deadline for implementing the recommendations.

Alternatively, the Township may submit a certified copy of an adopted ordinance rescinding its construction code administration and enforcement authority to the SCCC. If the township does not comply timely with the recommendations contained in this report, or if a rescinding ordinance is not received by the bureau after a subsequent 30 day time period, the Township is advised that, pursuant to Section 9b of the Act, MCL 125.1509b, failure to comply with the recommendations will result in the issuance of a Notice of Intent to Withdraw Code Administration and Enforcement Responsibilities from the Township.

  
Irvin J. Poke, AIA  
Director  
Bureau of Construction Codes

  
Date

## **EXHIBITS**

1. ELECTRICAL INSPECTION REPORTS
2. MECHANICAL INSPECTION REPORTS

**BUREAU OF CONSTRUCTION CODES  
PERFORMANCE EVALUATION REPORT  
PE # 11-002**

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County/City/Township/Village: Royal Oak Township, Oakland County  
Discipline: Electrical  
Date of Inspection: 7/27/11

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**Project Type: Residential**

**Project Description: New single family dwelling**

**Project Location: 21056 Woodside**

**Name of Building Owner: Venture Inc, O'Brien Construction**

**Name of Permit Holder: Joseph Alongi**

**License No.: 61-08150  
Permit No.: 1531  
Permit Issue Date: 2-28-11  
Use Group: One Family Dwelling  
Construction Type: Residential**

**Code and Edition Applied to this Project: Inspector was unsure of code, but was using 08 MEC or 2009 MRC. Should be under 2006 MRC**

**Type of Inspection (rough, final, etc.): Final**

**Findings: Rough approved by Mike Owens on 3-11-11.**

- 1) There was NM cable run underground to the garage. MRC 2006, E3701.4 table
- 2) The die cast connector on the hub to meter was not listed as rain tight. MRC 2006, E3805.11
- 3) The concrete encased grounding electrode and or ground rods to supplement the underground water grounding electrode. MRC 2006, E3508.1.1.1.
- 4) I did not observe the inspector testing the AFCI breakers or the smoke detectors. MRC 2006, E3802.12, R313.2.
- 5) I did not observe the inspector test the unfinished basement GFCI receptacles. MRC 2006 E3802.5.
- 6) Cable clamps in the panel are only listed for maximum of 2 cables per clamp I observed 3 cables in some. MRC 2006, E3303.3.
- 7) "Doorbell" wire run across the bottom of the floor joists wrapped around nails for support. MRC E4204.5.

**Name of Local Inspector: Kevin Stultz  
Name of State Inspector: Dean Austin**

**BUREAU OF CONSTRUCTION CODES  
PERFORMANCE EVALUATION REPORT  
PE # 11-002**

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County/City/Township/Village: Royal Oak Twp., Oakland County  
Discipline: Electrical  
Date of Inspection: 7/27/11

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**Project Type: Residential**

**Project Description: New single family dwelling**

**Project Location: 21094 Woodside**

**Name of Building Owner: Venture Inc., O'Brien Construction**

**Name of Permit Holder: Joseph Alongi**

**License No.: 61-08150**

**Permit No.: 1532**

**Permit Issue Date: 2/28/11**

**Use Group: One family dwelling**

**Construction Type: Residential**

**Code and Edition Applied to this Project: Inspector was unsure of code, but was using 08 MEC or 2009 MRC. Should be under 2006 MRC**

**Type of Inspection (rough, final, etc.): Final**

**Findings: Rough approved by Mike Owens.**

- 1) I didn't observe the inspector test the upstairs bathroom GFCI receptacle. MRC 2006, E3802.1.
- 2) "Doorbell" wire run under the floor joists wrapped around nails for support. MRC E4204.5.
- 3) CATV wire not properly supported. MRC 3301.1 which allows you to go to NEC 2008, 820.24
- 4) I didn't observe the inspector testing the unfinished basement GFCI receptacles. MRC 2006, E3802.5.
- 5) I did not observe the inspector test the AFCI breakers or smoke detectors. MRC 2006, E3802.12 and R313.2.
- 6) The EMT service riser was terminated into a die cast connector which is not listed rain tight. MRC 2006, E3805.11
- 7) There is NM cable running underground to garage. MRC 2006, E3701.4 table.
- 8) When asked by the general contractor the inspector refused to leave a correction notice on site and instructed them to go to the township offices for the violations.
- 9) Unable to verify the ground rods or concrete encased grounding electrode to supplement the underground water grounding electrode. MRC 2006, E3508.1.1.1.
- 10) Cable clamps in the panel are only listed for maximum of 2 cables per clamp I observed 3 cables in some. MRC 2006, E3303.3

**Name of Local Inspector: Kevin Stultz**

**Name of State Inspector: Dean Austin**

**BUREAU OF CONSTRUCTION CODES**  
**PERFORMANCE EVALUATION REPORT**  
PE # 11-002

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County/City/Township/Village: Charter Township of Royal Oak  
Discipline: Mechanical  
Date of Inspection: July 27, 2011

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**Project Type:** New house construction

**Project Description:** Complete heating and duct system with 2 bathroom and 1 kitchen exhaust.

**Project Location:** 21094 Woodside, Ferndale, MI 48220

**Name of Building Owner:** New home for sale

**Name of Permit Holder:** Star Heating – Peter Randazzo

**License No.:** 71-03993

**Permit No.:** M1050

**Permit Issue Date:** 3-29-11

**Use Group:** R 3

**Construction Type:** Residential single family

**Code and Edition Applied to this Project:** MRC 2009

**Type of Inspection (rough, final, etc.):** Final inspection was completed by the local inspector two days prior to this inspection.

**Findings:**

1. The approved plans that were on site specified a 45,000 BTU input gas fired – forced air furnace. The furnace that was installed was a 40,000 BTU input furnace. This is approximately a 10% reduction in size. The reduced furnace size may not meet the buildings heat loss during inclement weather conditions. A review of the manual J heat loss calculations for the structure would determine if the furnace will heat the building properly. Reference: MRC 2009 - Section M1401.3 – Sizing
  
2. The approved plans on site required a motorized damper for the outdoor air intake ductwork. This damper was omitted from the project. Reference: Approved Plans and the 2009 Michigan Uniform Energy Code – 403.5 - Mechanical Ventilation.

3. The bathroom exhaust fans terminate through the ventilated soffit. The exhaust openings shall not terminate within 3 feet of a ventilated section of soffit. MRC 2009 – Section R303.4.2
4. The single pipe direct vent water heater and the gas fired dryer require combustion air. MRC 2009 – G2407.1 General
5. No record of a permit was available for the gas piping installation. Mr. Murray was not positive who installed the gas piping system. No record of a gas piping system pressure test or any other inspections were available. MRC 2009 – G2412.1 – General and G2417.1.1 - Inspections

**Name of Local Inspector: Dan Murray**

**Name of State Inspector: Norwood Bates**

**BUREAU OF CONSTRUCTION CODES  
PERFORMANCE EVALUATION REPORT  
PE # 11-002**

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County/City/Township/Village: Charter Township of Royal Oak  
Discipline: Mechanical  
Date of Inspection: July 27, 2011

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**Project Type:** New house construction

**Project Description:** Complete heating and duct system with 2 bathroom and 1 kitchen exhaust.

**Project Location:** 21056 Woodside, Ferndale, MI 48220

**Name of Building Owner:** New home for sale

**Name of Permit Holder:** Star Heating – Peter Randazzo

**License No.:** 71-03993

**Permit No.:** M1051

**Permit Issue Date:** 3-29-11

**Use Group:** R 3

**Construction Type:** Residential single family

**Code and Edition Applied to this Project:** MRC 2009

**Type of Inspection (rough, final, etc.):** Final inspection was completed by the local inspector two days prior to this inspection.

**Findings:**

1. The approved plans that were on site specified a 45,000 BTU input gas fired – forced air furnace. The furnace that was installed was a 40,000 BTU input furnace. This is approximately a 10% reduction in size. The reduced furnace size may not meet the buildings heat loss during inclement weather conditions. A review of the manual J heat loss calculations for the structure would determine if the furnace will heat the building properly. Reference: MRC 2009 - Section M1401.3 – Sizing
  
2. The approved plans on site required a motorized damper for the outdoor air intake ductwork. This damper was omitted from the project. Reference: Approved Plans and the 2009 Michigan Uniform Energy Code – 403.5 - Mechanical Ventilation.

3. The bathroom exhaust fans terminate through the ventilated soffit. The exhaust openings shall not terminate within 3 feet of a ventilated section of soffit. MRC 2009 – Section R303.4.2
4. The single pipe direct vent water heater and the gas fired dryer require combustion air. MRC 2009 – G2407.1 General
5. No record of a permit was available for the gas piping installation. Mr. Murray was not positive who installed the gas piping system. No record of a gas piping system pressure test or any other inspections were available. MRC 2009 – G2412.1 – General and G2417.1.1 - Inspections

Name of Local Inspector: Dan Murray  
Name of State Inspector: Norwood Bates



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF CONSTRUCTION CODES  
IRVIN J. POKE  
DIRECTOR

STEVEN H. HILFINGER  
DIRECTOR

**DOCUMENT #11-33**

September 19, 2011

TO: Members of the Construction Code Commission

FROM: Larry Lehman, Chief Building Division 

SUBJECT: Continuing Education Program Applicants

The programs listed on the attached pages are those for which approval has been requested by providers or sponsors of continuing education programs required of building officials, inspectors and plan reviewers to renew their registrations. Document #11-33 is a list of programs that have been submitted for approval for the cycle beginning September 17, 2009 through September 16, 2012.

Each provider has documented appropriate content in relation to one or more of the continuing education categories and registrant classifications set forth in the administrative rules promulgated pursuant to 1986 PA 54.

**It is the recommendation of Bureau staff that the programs submitted pursuant to the provisions of Act 54 be approved by the Commission.**

LL/kld

Attachments

*Providing for Michigan's Safety in the Built Environment*

LARA is an equal opportunity employer  
Auxillary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.  
P.O. BOX 30254 • LANSING, MICHIGAN 48909  
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

Explanatory notes to accompany BCC Approved Continuing Education Program List:

**DOCUMENT #11-33**

\* Registrants holding one or more Inspector classification are required to attend Technical and Specialty training to be eligible for reregistration at the end of the present code cycle. If that is successfully accomplished, there are no additional Technical or Specialty credits necessary to also become eligible for reregistration as either a Building Official and/or Plan Reviewer. A person who is registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive the listed Technical and/or Specialty credit towards reregistration qualification for attending this program.

Specialty approvals are granted for one of the four Inspector (trade) classifications. Inspectors receive credits only for attending programs associated with their trade; a Mechanical Inspector does not satisfy those requirements by attending a Building, Electrical or Plumbing program. Someone registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive credit for all Specialty programs attended, regardless of the trade(s).

Technical approvals are granted for programs addressing a specific code. Inspectors receive Technical credit only for programs addressing the code they enforce. Someone registered **only** as a Building Official and/or Plan Reviewer without any Inspector classification will receive credit for all Technical programs in their cycle which they attended, regardless of the trade.

\*\* Programs approved for Plan Review credits satisfy unique requirements placed on Plan Reviewer registrants. Even though the title of an individual program may refer to a specific trade or code, all Plan Review program credits apply to any Plan Reviewer.

\*\*\*\* Credit for documented participation in/attendance at formal code change hearings conducted and reported by a nationally recognized code-promulgating organization will be recognized when the subject is a code enforced by the registrant. Credit is granted in one-hour increments and is divided between Technical and Specialty. The first hour is Technical, the second Specialty, the third Technical, the fourth Specialty, etc. Seven hours would be credited as four Technical and three Specialty, for example.

*ISC=Independent Study Course*

*I = Internet Course*

*CR = Classroom*

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2009/2012 Inspector Continuing Education Programs

| Program Number | Credit Hours |      |      |      |    | Contact                          | Organization     | Phone                               | Title          |  |
|----------------|--------------|------|------|------|----|----------------------------------|------------------|-------------------------------------|----------------|--|
|                | Admin        | Comm | Spec | Tech | PR |                                  |                  |                                     |                | Classif-ication  |
| 16192          |              |      | 2    |      |    | PI*                              | Paul R. Bladdick | LPB & Associates                    | (248) 698-9292 | Wilkins/Flowmatic: Large Backflow Prevention Assemblies (location, troubleshooting and repair)     |
| 16193          |              |      | 2    |      |    | PI*                              | Paul R. Bladdick | LPB & Associates                    | (248) 698-9292 | Watts/Feeco: Large Backflow Prevention Assemblies (location, troubleshooting and repair)           |
| 16194          |              |      | 2    |      |    | PI*                              | Paul R. Bladdick | LPB & Associates                    | (248) 698-9292 | Apollo/Ari: Large Backflow Prevention Assemblies (location, troubleshooting and repair)            |
| 16195          |              |      | 1    |      |    | PI*                              | Paul R. Bladdick | LPB & Associates                    | (248) 698-9292 | Michigan's Cross Connection Control Manual   |
| 16196          | 2            |      | 4    |      | 1  | ALL (Admin Only), BI*, MI*, PR** | Ron Brown        | National Fire Sprinkler Association | (845) 661-6534 | Inspection Testing and Maintenance for the AHJ   |
| 16197          |              |      | 2    |      |    | MI*, PI*                         | John Pritchard   | MIAM                                | (248) 649-5443 | Overview of CPVC Applications for the Plumbing, Industrial, Hydronic and Process Piping Industries |
| 16198          |              |      | 6    |      |    | ALL                              | Kimberly Riley   | International Code Council          | (888) 422-7233 | IgCC Orientation and Training Tour   |
| 16199          |              |      | 1    |      |    | BI*, MI*                         | Tim Mrozowski    | Michigan State University           | (517) 353-0781 | Additions, Alterations, Renovations and Repairs: MI Residential Energy Code (based on 2009 MUEC)   |
| 16200          |              |      | 1    |      |    | BI*, MI*                         | Tim Mrozowski    | Michigan State University           | (517) 353-0781 | Inspections: MI Residential Energy Code (based on 2009 MUEC)                                       |
| 16201          |              |      | 1    |      |    | BI*, MI*                         | Tim Mrozowski    | Michigan State University           | (517) 353-0781 | Air Sealing: MI Residential Energy Code (based on 2009 MUEC)                                       |
| 16202          |              |      |      |      | 1  | PR**                             | Tim Mrozowski    | Michigan State University           | (517) 353-0781 | Plan Review: MI Residential Energy Code (based on 2009 MUEC)                                       |

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2009/2012 Inspector Continuing Education Programs

|       |   |   |   |   |    |           |                   |                                     |                     |   |  |
|-------|---|---|---|---|----|-----------|-------------------|-------------------------------------|---------------------|---|--|
| 16203 |   |   | 1 | 1 | 1  | EI*, PR** | Anton M. Tomasin  | Reciprocal Electrical Council, Inc. | (248) 542-7567      | An Evening with the Electrical Inspectors Code Forum (One Time Only)                                  |  |
| 16204 | 1 | 1 |   |   |    | ALL       | Paul E. Griggs    | MIOSHA-CET                          | (517) 242-8085      | Safety Culture-Leadership on the Job Site   |  |
| 16205 |   |   |   |   | 3  | PR**      | Warren M. Wisner  | SEMPIA                              | (734) 475-2425      | Mechanical and Plumbing Plan Review   |  |
| 16206 |   |   |   |   | 3  | BI*       | Dennis S. Smith   | D. S. Smith Enterprises             | (810) 577-1113      | Deck Failures   |  |
| 16207 |   |   |   |   | 2  | BI*, EI*  | George Herry      | LARA, BCC, Plan Review              | (517) 241-9328      | 2009 Michigan Building Code, Section 907-Fire Alarm and Detection Systems                             |  |
| 16208 |   |   |   |   | 6  | MI*       | Jonathon Paradine | LARA, BCC, Mechanical Division      | (517) 241-9325      | Significant Changes in the 2002 NFPA Standards 13, 13r, 13d to the 2007 Edition of the NFPA Standards |  |
| 16209 |   |   |   |   |    | 8         | PR**              | Donna Panaszewicz                   | (586) 774-9597      | Basic Plan Review-Nonstructural-Part II-Fire Protection Systems                                       |  |
| 16210 |   |   |   |   |    | 8         | PR**              | Donna Panaszewicz                   | (586) 774-9597      | Basic Plan Review-Nonstructural-Part III-Egress   |  |
| 16211 |   |   |   |   | 12 | PR**      | Kimberly Riley    | International Code Council          | (888) 422-7233      | 2009 IBC-Performing Nonstructural Plan Reviews  |  |
| 16212 |   |   |   |   | 3  | BI*       | Thomas J. Koster  | Residential Structure               | (248) 345-8922      | Wind Bracing and Portal Framing Requirements-Common Local Applications (MRC)                          |  |
| 16213 |   |   |   |   | 4  | 5         | 2                 | EI* PR*                             | Robert W. Hoekwater | (616) 886-2893  | Western Section LAEI-107th Annual Meeting-Session I                            |
| 16214 |   |   |   |   | 2  | 4         | 1                 | EI* PR*                             | Robert W. Hoekwater | (616) 886-2893  | Western Section LAEI-107th Annual Meeting-Session II                           |
| 16215 |   |   |   |   |    |           | 3                 | PR**                                | Robert B. Clark     | (734) 823-5412  | Prescriptive Wall Bracing  |
| 16216 |   |   |   |   |    |           | 3                 | PR**                                | Kimberly Riley      | (888) 422-7233  | 2009 IECC Performing Residential Energy Plan Review-Highlights (One Time Only) |
| 16217 |   |   |   |   |    |           | 3                 | BI*                                 | Kimberly Riley      | (888) 422-7233  | 2012 IBC-Mixed Occupancies (One Time Only)                                     |
| 16218 |   |   |   |   |    |           | 3                 | BI*                                 | Kimberly Riley      | (888) 422-7233  | 2012 IBC Update (One Time Only)  |

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2009/2012 Inspector Continuing Education Programs

|       |  |  |   |  |               |                |                            |                |   |
|-------|--|--|---|--|---------------|----------------|----------------------------|----------------|---|
| 16219 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | 2012 IRC Update (One Time Only)   |
| 16220 |  |  | 3 |  | BI*, MI*      | Kimberly Riley | International Code Council | (888) 422-7233 | 2012 IMC/IECC Significant Changes (One Time Only)   |
| 16221 |  |  | 6 |  | ALL           | Kimberly Riley | International Code Council | (888) 422-7233 | IGCC Fundamentals, Public Version 2.0   |
| 16222 |  |  | 6 |  | BI*, MI*, PI* | Kimberly Riley | International Code Council | (888) 422-7233 | Residential Fire Sprinkler Systems: Design, Installation and Code Administration (One Time Only)                    |
| 16223 |  |  | 3 |  | ALL           | Kimberly Riley | International Code Council | (888) 422-7233 | 2012 IECC Update (One Time Only)  |
| 16224 |  |  | 3 |  | ALL           | Kimberly Riley | International Code Council | (888) 422-7233 | Phoenix Building Tour (One Time Only)   |
| 16225 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | 2009 IECC-Performing Residential Energy Inspections Highlights (One Time Only)                                      |
| 16226 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | IBC 1704 & 1707 Structural Steel- "What it all Means" (One Time Only)   |
| 16227 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | Introduction to the ICC GI-2010 Guideline for Replicable Buildings (One Time Only)                                  |
| 16228 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | Special Inspections-Implementing and Managing IBC, Chapter 17 Requirements for Building Departments (One Time Only) |
| 16229 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | Structural Building Components- Design, Bracing, Loads & Solar Panel Considerations (One Time Only)                 |
| 16230 |  |  | 3 |  | BI*           | Kimberly Riley | International Code Council | (888) 422-7233 | Rainwater Harvesting: Plan B-When the Well Runs Dry (One Time Only)   |
| 16231 |  |  | 3 |  | BI*, MI*      | Kimberly Riley | International Code Council | (888) 422-7233 | SMAACNA HVAC Duct Construction (One Time Only)  |





RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF CONSTRUCTION CODES  
IRVIN J. POKE  
DIRECTOR

STEVEN H. HILFINGER  
DIRECTOR

**DOCUMENT #11-34**

September 19, 2011

TO: Members of the Construction Code Commission

FROM: Larry Lehman, Chief   
Building Division

SUBJECT: Continuing Education Instructor Applications

Attached is a list of those individuals who have applied for approval as instructors of continuing education programs required of building officials, inspectors and plan reviewers. The instructors listed have been granted lifetime approval.

Each has documented training and experience in the topic which they propose to teach.

**It is the recommendation of Bureau staff that they be approved as instructors by the Commission.**

LL/kld

Attachments

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Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2009/2012 New Instructors

| Instructor Number | Last Name | First Name | MI | Affiliation/Experience         |
|-------------------|-----------|------------|----|--------------------------------|
| 1985              | Pritchard | John       |    | MIAM                           |
| 1986              | Robinson  | Kermit     |    | ICC                            |
| 1987              | Griggs    | Paul       | E  | MIOSHA-CET                     |
| 1988              | Bates     | Norwood    | W  | LARA, BCC, Mechanical Division |
| 1989              | Hudson    | Bill       |    | ICC                            |
| 1990              | Hayes     | Mark       | J  | ICC                            |
| 1991              | Parsley   | Patrick    | J  | ICC                            |
| 1992              | Johnson   | Greg       |    | ICC                            |
| 1993              | Azlin     | Keith      | D  | ICC                            |
| 1994              | Boulware  | Earl       | W  | ICC                            |
| 1995              | Terzigni  | Mark       | A  | ICC                            |
| 1996              | Quinn     | Rebecca    | C  | ICC                            |
| 1997              | Kulczyk   | Peter      |    | ICC                            |
| 1998              | Glaser    | Daniel     | C  | ICC                            |
| 1999              | Conover   | David      | R  | ICC                            |

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2009/2012 Renewal Instructors

| Instructor<br>Number | Last Name | First Name | MI | Affiliation/Experience              |
|----------------------|-----------|------------|----|-------------------------------------|
| 978                  | Clark     | Robert     | B  | APA-The Engineered Wood Association |
| 1608                 | Bladdick  | Paul       | R  | LPB & Associates                    |



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DIRECTOR

**Document #11-35a-d**

September 19, 2011

TO: Members of the Construction Code Commission

FROM: Larry Lehman, Chief  
Building Division

A handwritten signature in black ink that reads 'Larry Lehman'.

SUBJECT: Inspector Registration Applicants

Attached you will find lists of applicants for provisional registration as building officials, building inspectors, plan reviewers and electrical inspectors.

LL/kld

Attachments

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**BUILDING OFFICIALS**

10/05/11 ccc

BELL Jr., David  
Registered as Building Inspector and Plan Reviewer #004369 (05/2000)  
Additional Building Official  
City of Detroit-Wayne County

DIETRICH, George A.  
Registered as Building Inspector and Plan Reviewer #004281 (10/1999)  
Additional Building Official  
Lilley Township – Newaygo County

GOWAN, Leslie R.  
Registered as Building Inspector (01/2003) and Plan Reviewer #004889 (03/2003)  
Additional Building Official  
City of Westland-Wayne County

HICKS, Raymond A.  
Registered as Building Inspector and Plan Reviewer #004344 (01/2000)  
Additional Building Official  
Bruce Township – Macomb County

LEACH, Matthew A.  
Registered as Building Inspector and Plan Reviewer #004478 (07/2000)  
Additional Building Official  
Delta Township-Eaton County

MILLER, Barry L.  
Registered as Building Inspector (04/2003) and Plan Reviewer #004940 (10/2003)  
Additional Building Official  
Charter Township of Clinton-Macomb County

REHN, Kirk C.  
Registered as Building Inspector and Plan Reviewer #005496 (09/2007)  
Additional Building Official  
City of Warren – Macomb County

**BUILDING INSPECTORS**

10/05/11 ccc

HEXIMER, Lance S.  
21,840 hours of Building Experience  
Additional Inspector  
Livingston County

JAMES, Joseph E.  
Licensed Engineer (#6201045582)  
Replacing Thomas Craycraft (Reg#003729)  
Charter Township of Commerce-Oakland County

MORAD, Michael J.  
4,160 hours of Building Experience and BS in Engineering Technology  
Additional Building Inspector  
City of Bloomfield Hills – Oakland County

SMITH, Clair T.  
24,960 hours of Building Experience  
Additional Inspector  
City of Roosevelt Park-Muskegon County

WEISS, Joseph A.  
Licensed Architect (#1301043454)  
Additional Inspector  
Pennfield Township-Calhoun County

PLAN REVIEWERS

10/05/11 ccc

HEXIMER, Lance S.  
21,840 hours of Building Experience  
Additional Inspector  
Livingston County

JAMES, Joseph E.  
Licensed Engineer (#6201045582)  
Replacing Thomas Craycraft (Reg#003729)  
Charter Township of Commerce-Oakland County

MORAD, Michael J.  
4,160 hours of Building Experience and BS in Engineering Technology  
Additional Plan Reviewer  
City of Bloomfield Hills – Oakland County

PROTASIEWICZ, Kenneth L.  
Master License #6317507 (07/1995)  
Replacing Eric Nickel (Reg#005337)  
Pinconning Township-Bay County

SMITH, Clair T.  
24,960 hours of Building Experience  
Additional Plan Reviewer  
City of Roosevelt Park-Muskegon County

THERRIAN, Travis H.  
Master License #6215064 (11/2006)  
Additional Plan Reviewer  
Oneida Township – Eaton County

WEISS, Joseph A.  
Licensed Architect (#1301043454)  
Additional Plan Reviewer  
Pennfield Township-Calhoun County

ELECTRICAL INSPECTORS

10/05/11 ccc

PUCKETT, Russell B.  
Master License #6204921 (01/1983)  
Additional Electrical Inspector  
City of Hartford – Van Buren County

SACKETT, Steven R.  
Master License #6206198 (01/1985)  
Replacing Phillip E. Lavender (Reg#002670)  
Cheboygan County

PROTASIEWICZ, Kenneth L.  
Master License #6317507 (07/1995)  
Replacing Eric Nickel (Reg#005337)  
Pinconning Township-Bay County

TERRIAN, Travis H.  
Master License #6215064 (11/2006)  
Additional Electrical Inspector  
Oneida Township – Eaton County



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
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STEVEN H. HILFINGER  
DIRECTOR

September 28, 2011

**DOCUMENT #11-43**

TO: Members of the Construction Code Commission

FROM: Robert G. Konyndyk, Chief, Plumbing Division 

SUBJECT: Sure Seal, floor drain trap seal protection devices, Models SS2009, SS3000, SS3509, and SS4009  
BCCP-11-005

The applicant has requested product approval to provide product acceptance through approval clarification.

**APPLICANT REPRESENTATIVE:**

Mr. Kevin Huber

**APPLICANT:**

Sure Seal, LLC  
P.O. Box 64160  
Tacoma, WA 98464

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCT:**

Sure Seal, floor drain trap seal protection devices,  
SS2009 for 2 inch applications  
SS3000 for 3 inch applications (provided with two different sizing sleeves)  
SS3509 for 3-1/2 inch applications (provided with two different sizing sleeves)  
SS4009 for 4 inch applications

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**APPLICATION:**

The applicant states the intended use is to prevent evaporation of the floor drain trap seal. These devices are inserted into the drain connection of the floor drain. Sure Seal replaces a water supplied trap seal primer valve and is green by not wasting any water. Sure Seal devices can easily be added to any existing floor drain.

---

**APPLICABLE CODE SECTION:**

- Michigan Plumbing Code - 1002.4, requires trap seal primers
- 105.2, clarifies alternative products
  - 105.4, sets alternative engineered criteria
- Michigan Residential Code - P3201.2, addresses trap seals
- R104.11, alternative products

**APPROVALS/TESTS:**

SGS US Testing Company Test Reports  
No. 759752-R2, September 17, 2008 - for 2000 and 3000  
No. 654:027614-R1, January 8, 2010 - for 2000 to 2009  
No. 654:031645, April 13, 2010 - for SS4009  
No. 654:031645-R1, October 29, 2010 - for SS3509 and SS4009

ICC Evaluation Services, ICC-ES Listing, PMG-1070, February 1, 2011

IAPMO Research and Testing, Inc., File C-4165, November 22, 2010

**CONDITIONS OF USE AND INSTALLATION:**

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Installed in accordance with manufacturer's installation instructions.

**RECOMMENDATION:**

The State Plumbing Board at their September 20, 2011 board meeting recommended the products to the commission for approval.



RICK SNYDER  
GOVERNOR

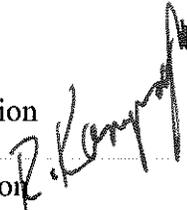
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IRVIN J. POKE  
DIRECTOR

STEVEN H. HILFINGER  
DIRECTOR

September 28, 2011

**DOCUMENT #11-44**

TO: Members of the Construction Code Commission

FROM: Robert G. Konyndyk, Chief, Plumbing Division 

SUBJECT: Product Approval Request for John Guest, Speedfit Plumbing System Pipe (PEX) and CTS Twist & Lock Fittings, BCCP-11-007

The applicant has requested product approval to provide acceptance for a push connect fittings having O Rings for Copper, CPVC and PEX piping systems. The product's fittings have a conformance standard referenced in the codes, ASSE 1061.

**APPLICANT REPRESENTATIVE:**

Mr. Angel Rodriguez

**APPLICANT:**

John Guest USA Inc.  
180 Passaic Ave.  
Fairfield, NJ 07004

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCT:**

John Guest, Speedfit Plumbing System Pipe (PEX) and CTS Twist & Lock Fittings

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**APPLICATION:**

Plumbing fitting consisting of elastomeric seal and corrosion resistant tube grippers designed for use in potable water systems with Copper, CPVC, and /or PEX piping designed to their appropriate ANSI approved piping standards.

**LABORATORY TESTS:**

IAPMO Certificate of Listings  
C. File No. 4981 dated June 2010  
D. File No. 5227 dated June 2010

ICC Evaluation Services  
B. ESR-1931 dated May 1, 2010

NSF/ANSI 14

**APPROPRIATE CODE SECTION:**

Section 605 Water Distribution, Joints and Connections

**CONDITIONS OF USE AND INSTALLATION:**

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Shall be installed in accordance with manufacturer's installation instructions.
3. Shall not be accepted for underground use or within concrete.

**RECOMMENDATION:**

The State Plumbing Board at their September 20, 2011 board meeting recommended the products to the commission for approval.

RGK/mkr



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DIRECTOR

**Document No. 11-36**

October 5, 2011

**TO:** Members of the Construction Code Commission

**FROM:** Todd Y. Cordill, NCARB Chief, Plan Review Division

**SUBJECT:** **Compliance Assurance No. 534**  
Certificate of Acceptability  
Mobile Modular Express II, LLC  
64 Hess Road  
Leola, PA 17540

The above manufacturer has submitted a Compliance Assurance Program and appropriate fees. The inspection and evaluation agency has been previously certified by the Construction Code Commission. The Plan Review Division has evaluated the submission for compliance with Rules 1161 through 1168 and recommends that the Commission issue a Certificate of Acceptability, in accordance with Sections 4 and 19 of 1972 PA 230, MCL 125.1504, and the General Rules, Part 11 Premanufactured Units, Rule 1132(1).

TYC/mt

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STEVEN H. HILFINGER  
DIRECTOR

Document No. 11-42

October 5, 2011

**TO:** Members of the Construction Code Commission

**FROM:** Todd Y. Cordill, NCARB Chief, Plan Review Division

**SUBJECT: Compliance Assurance No. 532**  
Certificate of Acceptability  
Systems Control Div of Northern Star Industries  
3201 E Industrial Drive  
Iron Mountain, MI 49801

The above manufacturer has submitted a Compliance Assurance Program and appropriate fees. The inspection and evaluation agency has been previously certified by the Construction Code Commission. The Plan Review Division has evaluated the submission for compliance with Rules 1161 through 1168 and recommends that the Commission issue a Certificate of Acceptability, in accordance with Sections 4 and 19 of 1972 PA 230, MCL 125.1504, and the General Rules, Part 11 Premanufactured Units, Rule 1132(1).

TYC/mt

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