



# Board of Building Standards

## CONFERENCE MEETING AGENDA

DATE: JUNE 21, 2019  
TIME: 10:00 AM  
LOCATION: TRAINING RM 1, 6606 TUSSING RD, REYNOLDSBURG, OHIO 43068

### Call to Order

### Roll Call

### Recognition of Building Department Personnel

RE-1 Dave Denison Award - Michael Spry

### Consideration of Minutes

[MIN-1](#) May 17, 2019 Meeting Minutes

### Certification Hearing

[CH-1](#) Certification Hearing

### Committee Reports

[CR-1](#) Certification Committee Report

[CR-2](#) Education Committee Report

### Ratification of Board Recognized Accreditation Bodies, Conformity Assessment Bodies & Industry Trade Association Certification Programs

[AB-1](#) Steel Joist Institute - Industry Trade Association

### Public Comments

### Old Business

[OB-1](#) Amendments Group 98 (Proposed Ohio Building Code Rules Clarifying Storm Shelter Requirements) - Action to initiate eNotification & file the proposed rules with CSI Office

[OB-2](#) Amendments Group 99 (Proposed Amendments to OBC, OMC & OPC) - Action to initiate eNotification & file the proposed rules with CSI Office

### New Business

### Compensate Board Members for Work Performed at their Regular Rate

### Future Meeting Schedule

August 2, 2019

September 6, 2019

October 11, 2019

November 15, 2019

December 20, 2019

## Motion to Adjourn

**Item Attachment Documents:**

MIN-1 May 17, 2019 Meeting Minutes

MINUTES  
BOARD OF BUILDING STANDARDS  
CONFERENCE MEETING & CERTIFICATION HEARING  
MAY 17, 2019

The Board of Building Standards Conference Meeting was called to order at 10:00 a.m., Friday, May 17, 2019, at 6606 Tussing Road, Reynoldsburg, Ohio, Chairman Gerald O. Holland presiding.

Ms. Regina Hanshaw, Executive Secretary, called the roll and reported that the following Board members were present:

Gregory Barney, Industrialized Units  
Dave Collins, Architect  
Julienne Cromwell, Structural Engineer  
Joseph F. Denk, Jr., Mechanical Engineer  
Timothy P. Galvin, General Contractor, Vice-Chair  
Gerald O. Holland, Fire Service, Chair  
John Johnson, Construction Materials  
Terry McCafferty, Public Member  
Don McIlroy, Mayor  
Christopher Miller, Renewable Energy  
John Pavlis, Homebuilder  
Jeffrey Samuelson, Architect  
Carl Schultz, Energy Conservation  
Bailey Stanbery, Homebuilder

The following members were absent:

Don Leach, Attorney

The following staff members were present:

Megan Foley, Certification/Education Coordinator  
Robert Johnson, Assistant Architect Administrator  
Debbie Ohler, Staff Engineer  
Steve Regoli, Architect Administrator  
Jay Richards, Assistant Architect Administrator  
Debbie Curts, Investigator  
Mike Lane, Management Analyst  
Pam Butts, Office Assistant  
Brian Honen, Assistant Attorney General

The following visitors were present:

Don Phillips, OBOA  
Kris Klaus, OHBA  
Thomas Chufar

A quorum of the Board was present.

**RECOGNITION OF BUILDING DEPARTMENT PERSONNEL**

No items for consideration.

**CONSIDERATION OF THE MINUTES**

Mr. Galvin moved and Mr. Collins seconded to approve the minutes of the April 12, 2019 Certification Hearing and Conference Meeting.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

## **CERTIFICATION HEARING**

Chairman Holland opened the hearing to hear testimony on the individuals and building departments appearing on the Final Certification Hearing Agenda in the Board's Meeting Packet at the Hearing tab. There being no testimony, Chairman Holland closed the hearing.

## **CONSIDERATION OF COMMITTEE REPORTS**

### **CODE COMMITTEE**

Mr. Denk gave the committee's report included in the Board's Meeting packet at Tab CR-1:

The Code Committee met on May 16, 2019, with the following members present: Mr. Denk, Mr. Samuelson, Mr. Barney, Mr. Collins, Mr. Johnson, Mr. Miller, Mr. Pavlis, Mr. Schultz, and Mr. Stanbery.

The Committee's report is included in the May 17, 2019, Board Meeting Packet at Tab CR-1 for the Board's consideration.

### APPROVAL OF THE MINUTES OF THE MARCH 7, 2019, MEETING

Mr. Stanbery moved and Mr. Collins seconded to approve the minutes of the March 7, 2019, Code Committee meeting. The motion passed unanimously.

### PETITIONS

Petition #19-02 - Petitioner: Carl Schultz (OMC 908 Cooling Towers, Evaporative Coolers and Fluid Coolers).

Mr. Schultz discussed the petition and its intent to address the reoccurrence of Legionnaire's Disease caused by the cooling tower discharge vapor plumes by changes to OMC Section 908.3 location requirements. After committee discussion Mr. Pavlis moved and Mr. Collins seconded to table the petition to allow for further committee research of the topic. The motion passed with Mr. Schultz abstaining.

### OLD BUSINESS

OB-1 2018 ICC Building, Plumbing, and Mechanical Code review of recommended proposed amendments.

Staff reviewed the changes to the 2018 IBC, IPC, and IMC the committee selected to recommend for adoption in Ohio in the next rule package. Mr. Miller moved and Mr. Collins seconded to recommend the changes to OBC Chapters 1, 10, 13, 15, 29, and 35 ; OMC Chapters 5 and 11; OPC Chapters 4, 7, 8, 9, and 10. The motion passed unanimously.

OB-2 Energy Requirements for R-3 Multi-Family.

Staff reviewed the changes to language in OBC Section 1301.1 for Group R-3 multifamily buildings. After committee discussion, Mr. Pavlis moved and Mr. Collins seconded to recommend including these changes to the OBC as a part of its next rule package.

### NEW BUSINESS

No items for consideration.

### RECOMMENDATIONS OF THE RESIDENTIAL CONTRUCTION ADVISORY COMMITTEE

No items for consideration.

### OTHER

No items for consideration.

Mr. Denk moved and Mr. Collins seconded to approve the recommendations of the committee.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

## **CERTIFICATION COMMITTEE**

Mr. Galvin gave the committee's report included in the Board's Meeting packet at Tab CR-2:

The Certification Committee met on May 16<sup>th</sup>, 2019 at 10:00 AM, with the following members present: Mr. Galvin, Mr. Collins, Ms. Cromwell, Mr. Leach, Mr. McIlroy, Mr. Samuelson, and Mr. Stanbery. Chairman Holland was also present. The Committee makes the following recommendations, included in the May 17<sup>th</sup>, 2019 Board Packet at Tab CR-2, for the Board's consideration.

Recommend the following applications be approved following a certification hearing effective immediately unless otherwise noted on the certification hearing agenda:

Certification

#	Name	Certification
6166	Anthony Steimling	Nonresidential Industrial Unit Inspector
91	Brien Bellous	Mechanical Inspector
6158	Daryl Windless	Electrical Safety Inspector*
6087	Douglas Salm	Residential Building Inspector Trainee
6151	Gary Johnson Jr.	Building Inspector
6160	James Vagase	Residential Building Inspector
6161	Jeffrey Riley	Fire Protection Inspector
333	John Dasher	Building Official
6165	John Taylor	Electrical Safety Inspector*
4911	Jose Pallens	Building Inspector
6154	Joshua Abernathy	Electrical Safety Inspector*
6164	Joshua Doolin	Fire Protection Inspector
2073	Michael Monaco	Residential Building Inspector
2387	Phillip Clark	Electrical Safety Inspector
6163	Stephanie Lewis	Master Plans Examiner
2365	Steven Brown	Electrical Safety Inspector*
6156	Timothy Miller	Plumbing Inspector
6153	Tod Fogle	Electrical Safety Inspector*
6159	Vincent Hester II	Electrical Safety Inspector*
6168	Walid Latif	Electrical Safety Inspector*
2231	Duane Starks	Plumbing Plans Examiner
1426	Dale Steppenbacker	Building Official
6170	Greg Higgins	Electrical Safety Inspector*
5666	Lester Cumberlander	Master Plans Examiner Trainee
173	Robert Brown Jr	Building Official
5467	Brent Thomas	Building Inspector Residential Building Official Residential Building Inspector**
5825	Dan Penny	Building Inspector
5918	Donald Evans	Plumbing Inspector Trainee
6171	Lenore Pikus	Residential Building Inspector Trainee
6142	Robert Baker	Residential Building Official
5761	Jason Cox	Fire Protection Inspector
6133	Terrence Gaither	Electrical Safety Inspector*
6169	Crystal Williams	Residential Building Inspector Trainee**

Recommend the following applications be denied, additional information be requested, or other action as noted:

Jason Monaco -- PI

Currently holds RBO, BI, RBI

Committee Recommendations: Deny PI, Recommend trainee

Jeffrey Rettberg - ESI Trainee

Current Certifications: PI 2015, RBO and RBI since 2010, BI since 2004

Committee Recommendations: Table to next meeting

Paul Shepherd – BO

Current Certifications: RBO, BI, RBI, ESI

Committee Recommendations: Additional information on supervisory experience

Jason Pastorius - RBO

Current Certifications: none

Committee Recommendations: Consider RBI, Additional information on supervisory, project manager experience

Jason Cox - BI

Current Certifications: PI

Committee Recommendations: Deny BI

Ross Lujan - RBI

Current Certifications: none

Committee Recommendations: Request additional information with dates, specific duties, etc.

Robert Baker - BO, BI, BPE, PI

Current Certifications: RBI

Committee Recommendations: Approve for RBO

Bryon Traynoff -- BI

Current certification: RBI

Committee Recommendations: Recommend BI Trainee

Andrew Dickerson ESI

Current Certifications: BI 2000, RBO 2006, BO 2012

ESIAC: Not submitted to committee.

Committee Recommendations: refer to ESIAC for review

Crystal Williams RBI T

No current certifications

No sponsor/supervisor forms

Committee Recommendations: Approve if trainee forms received, otherwise, additional information on education and licensing.

Leonardo Morgano - RBI

Current Certifications: none

Committee Recommendations: Request additional information on specific work performed, months of experience.

Building Department Certification Applications

D-1 St. Clairsville Building Department  
Subdepartment of Muskingum County  
Exceptions: Plumbing and medgas  
Committee Recommendation: Approve

Old Business

None

New Business

Complaint and Investigation Status Report:

Committee Recommendation: Accept staff recommendations.

SB 255 Felony Disqualification:

Law and Board policy discussed.

Consent-Certificates Issued Administratively

A-1 Consent Certifications Issued Administratively

Heath Hilton FASD

Paul Biermann FASD

Mr. Galvin moved and Mr. McCafferty seconded to approve the recommendations of the committee.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

## **EDUATION COMMITTEE**

Mr. Galvin gave the committee's report included in the Board's Meeting packet at Tab CR-3:

The Education Committee met on May 16<sup>th</sup>, 2019 at 12:00 PM, with the following members present: Mr. Galvin, Mr. Collins, Ms. Cromwell, Mr. McCafferty, Mr. Samuelson, and Mr. Stanbery. Chairman Holland was also present. The committee makes the following recommendations, included in the May 17<sup>th</sup> 2019 Board Packet at Tab CR-3, for the Board's consideration.

### **Course Applications**

- ER-1      BlazeMaster CPVC Installation Training (Lubrizol Advanced Materials)  
BO, FPPE, BI, FPI, MI, RBO, RBI (2 hours)  
Note: A 3-hour version of this course was approved for 2016 for BO, BI, and FPI only  
Committee Recommendation: Recommend Approval, Include MPE
  
- ER-2      Meeting Braced Wall Requirements: A New Portal Frame Solution (Simpson Strong-Tie)  
BO, MPE, BPE, BI, FPI, RBO, RPE, RBI (1 hour)  
Committee Recommendation: Recommend approval with standard caveat about model code
  
- ER-3      NEC 2017 Article 430: Proper Connection and Wiring of Electrical Motors (Electrical League of Ohio)  
BO, BPE, EPE, BI, RBO, RPE, RBI, RMI, ESI (4 hours)  
Received 5/8/19 and submitted to ESIAC members same day by M. Lane  
ESIAC: Recommend Approval  
Committee Recommendation: Recommend Approval
  
- ER-4      Building Inspectors Program (Columbus Sheet Metal Workers Apprenticeship)  
BO, MPE, BI, FPI, MI, NRIUI, RBO, RBI, RIUI (8 hours)  
Committee Recommendations: Recommend revision of materials, approval upon resubmission
  
- ER-5      Decoding the New Energy Code (classroom version) (Tacoma Energy)  
BO, MPE, BPE, PPE, MechPE, BI, MI, PI, RBO, RPE, RBI, RMI (3 hours)  
Committee Recommendation: Recommend approval
  
- ER-6      Decoding the New Energy Code (online version) (Tacoma Energy)  
BO, MPE, BPE, PPE, MechPE, BI, MI, PI, RBO, RPE, RBI, RMI (3 hours)  
Committee Recommendation: Recommend approval
  
- ER-7      Overview of the 2017 OMC (3 hr version) (Ohio Certificate Renewal)  
BO, MPE, BPE, MechPE, BI, MI, NRIUI, RBO, RPE, RBI, RMI, RIUI (3 hours)  
Committee Recommendation: Recommend approval
  
- ER-8      Overview of the 2017 OMC (6 hr version) (Ohio Certificate Renewal)  
BO, MPE, BPE, MechPE, BI, MI, NRIUI, RBO, RPE, RBI, RMI, RIUI (6 hours)  
Committee Recommendation: Recommend approval

Mr. Galvin moved and Mr. McCafferty seconded to approve the recommendations of the committee.

Chairman Holland called for the ayes and nays.

Motion carried unanimously with Mr. Johnson abstaining.



**RATIFICATION OF BOARD RECOGNIZED ACCREDITATION BODIES,  
CONFORMITY ASSESSMENT BODIES & INDUSTRY TRADE ASSOCIATION  
CERTIFICATION PROGRAMS**

There were no items for consideration.

**PUBLIC COMMENTS**

There were no public comments.

**OLD BUSINESS**

**OB-1 Pending or Imminent Litigation – Settlement Agreement**

Assistant Attorney General Honen presented proposed settlement agreement with Dennis Dickard.

Mr. Galvin moved and Mr. Collins seconded to approve the settlement agreement with Dennis Dickard in Case # 2018-016, accept the suspension term of 12 months with 11 months stayed, suspension term to be July 1, 2019 to June 30, 2019, and authorize the Executive Secretary to sign the agreement.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

**OB-2 Complaint Summary Report**

Mr. Robert Johnson presented the updated complaint summary report included in the Board's packet at Tab OB-2:

City of Vermilion Building Department *(Follow up information provided to the Board after April 12, 2019 meeting)*

*Board staff received additional information dated April 25, 2019 from Mr. Chufar related to his complaint regarding the lack of enforcement action by the City of Vermilion concerning two deck structures located on separate residential properties along Edgewater Drive and Elberta Beach.*

*The additional records provided an ODNR site visit report specific to the 4318 Edgewater Drive site addressed to its owner, Mr. Dale Rusnak to inquire about a proposed shoreline rehabilitation project to the community parcel between Lake Erie and his property. According to the document, these properties are owned by separate entities, Mr. Rusnak and Elberta Beach.*

Board staff received a complaint from Mr. Tom Chufar regarding the lack of enforcement action by the City of Vermilion concerning two deck structures located on separate residential properties, 4324 Edgewater Dr. and 4318 Edgewater Dr., on Edgewater Drive and Huron Lane (pedestrian access only) abutting a land plot identified as Elberta Beach. The complainant alleges the decks were built by the property owners over the rear property lines onto the Elberta Beach property. Ownership of Elberta Beach was researched by Vermilion legal counsel and is a 20-year-old defunct Edison Estates Association.

According to department records, the owners applied for and submitted construction documents for the construction of 8' x 12' decks that were approved by the residential building official, Robert Kurtz, on October 2013 and April 2014. The construction documents for the 4324 Edgewater Dr. did not indicate the location of the proposed deck in relation to the property line, but 4318 Edgewater Dr. construction documents included property line information.

Board staff contacted Mr. Kurtz on March 14, 2019 who indicated that there are no records of inspections having been completed. It appears that neither the owner or their builder representative requested inspections, and that no further follow up was made by the department to verify the status of the work.

A site visit was conducted in 2018 by City building inspector Bill Difucci to verify the deck location at 4318 Edgewater and determined that it is located over the property line contrary to the information in the approved construction documents. No serious hazards were identified. The City is in process of revoking the contractor's registration due to these and other violations to the City's ordinances to prevent the builder to continue work in Vermilion. The building department has also implemented in their new code enforcement software a notification system for projects that have not requested inspections prior to 6 months from the approval issuance date to track the status of all projects more closely and to verify if work has continued. They have also implemented an automatic required inspections checklist to be generated when approvals are issued.

No serious hazards related to the existing decks have been identified, and the department has taken actions to correct deficiencies in its processes. Therefore, Board staff recommends the Board dismiss the complaint with no further action. As to concerns of the encroachment of the decks onto the Elberta Beach property, the City has determined that it is a private legal matter between the property owners.

Mr. Galvin moved and Mr. McCafferty seconded to accept the staff recommendation included in the complaint summary to dismiss the complaint related to City of Vermilion Building Department and to have staff complete a building department audit for verification purposes of department operations by September 30, 2019.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

#### **NEW BUSINESS**

NB-1 Amendments Group 99 (Proposed Amendments to OBC, OMC & OPC) – Action to initiate stakeholder input process

Ms. Ohler presented proposed amendments to the Ohio Building, Plumbing and Mechanical Codes based on the Code Committee's review of the 2018 model codes Code clarifying scope and application of storm shelter requirements in existing buildings and requested the Board to direct staff to initiate the stakeholder review process on the proposed rules.

Mr. Denk moved and Mr. Collins seconded to direct staff to begin the common sense initiative rule review process and schedule a stakeholder meeting to present and receive stakeholder feedback on Amendments Group 99.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

#### **COMPENSTATE BOARD MEMBERS FOR WORK PERFORMED AT THEIR REGULAR RATE**

Ms. Hanshaw reported that board members had performed committee and board work for the amount of hours, including board meetings, as follows:

Mr. Barney	16	Mr. McCafferty	16
Mr. Collins	16	Mr. McIlroy	16
Ms. Cromwell	16	Mr. Miller	16
Mr. Denk	16	Mr. Pavlis	16
Mr. Galvin	16	Mr. Samuelson	16
Mr. Holland	33	Mr. Schultz	16
Mr. Johnson	16	Mr. Stanbery	16
Mr. Leach	8		

Mr. Galvin moved and Mr. Collins seconded to compensate board members for the work performed at their regular rate.

Chairman Holland called for the ayes and nays.

Motion carried unanimously.

**FUTURE MEETINGS AND ADJOURNMENT**

June 21, 2019  
August 2, 2019  
September 6, 2019  
October 11, 2019  
November 15, 2019  
December 20, 2019

Mr. Galvin moved and Mr. McCafferty seconded to adjourn and the Board adjourned at 10:30 a.m.

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Gerald O. Holland, Chairman  
Board of Building Standards

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Regina Hanshaw, Executive Secretary  
Board of Building Standards

**Item Attachment Documents:**

CH-1 Certification Hearing



**JUNE 21, 2019**  
**CERTIFICATION HEARING AGENDA**

Notice is hereby given that the Board of Building Standards will convene for a certification hearing in accordance with the rules of the Board at 10:00 A.M., Friday, June 21, 2019 at Board of Building Standards, Training Room 1, 6606 Tussing Road, Reynoldsburg, Ohio 43068. The purpose of the hearing is to hear testimony from anyone wishing to speak to the proposed certification of building departments, local boards of building appeals, and building department personnel.

<b>Cert. ID</b>	<b>BUILDING DEPARTMENT PERSONNEL</b>	<b>CERTIFICATION REQUESTED</b>
4803	Adler, Roderick	Building Plans Examiner Plumbing Plans Examiner Mechanical Plans Examiner Electrical Plans Examiner Fire Protection Plans Examiner
6209	Anderson, Drew	Master Plans Examiner
6219	Boyko, Jason	Non Residential Industrial Unit Inspector
6213	Brown, Joseph	Electrical Safety Inspector**
6208	Corcoran, Mark	Residential Building Official
5680	DiFucci, William	Residential Building Inspector Residential Mechanical Inspector Residential Plans Examiner Residential Industrial Unit Inspector Non Residential Industrial Unit Inspector
5767	Dover, Jeremy	Master Plans Examiner Trainee
404	Eckenrode, Joseph	Building Plans Examiner
5510	Lloyd, Daniel	Building Inspector Trainee Mechanical Inspector Trainee
6205	Lueders, Thomas	Building Official
6218	Miller, Stephen	Building Inspector
1031	Montgomery, Lee	Building Official
1130	Paszke, John	Building Plans Examiner
5773	Reef, Justin	Mechanical Inspector Trainee Residential Mechanical Inspector Trainee
6217	Rivera, Dawn	Electrical Safety Inspector*
6206	Rufe, Stephen	Master Plans Examiner
6199	Smith, Alisha	Electrical Safety Inspector*
6201	Speelman, Steven	Electrical Safety Inspector*



6200	Stout, Thomas	Electrical Safety Inspector*
4969	Sutphin, Charles	Building Inspector Mechanical Plans Examiner
6210	Underwood, Scott	Building Inspector
1542	Verbiar, Joseph	Building Official
6203	Warthem, Christopher	Building Inspector
	Schaeper, Jordan	Fire Alarm System Designer
	Riley, Brock	Residential Building Official
	Shrake, Steve	Residential Building Official
	Bross, Jake	Special Hazards System Designer
	Wackerly, Michael	Fire Alarm Systems Designer
	Glass, Darlene	Residential Building Official
	Roberts, Derrick	Residential Building Official

\*Denotes ESI approval pending passing required exams.

\*\*Denotes Conditioned Approval

**Building Department Certification:**

**Trenton**

Non-residential from sub-department under Butler County to full department with a service contract with NIC.  
Except med gas and plumbing.  
All paperwork received.

**Millersport**

New non-residential sub-department of Fairfield County  
Except Plumbing and Med Gas

**Item Attachment Documents:**

CR-1 Certification Committee Report



# Board of Building Standards

## CERTIFICATION COMMITTEE MEETING REPORT

The Certification Committee met on June 20<sup>th</sup>, 2019 at 10:00 AM, with the following members present: Mr. Leach, Mr. Collins, Ms. Cromwell, Mr. McCafferty, Mr. Samuelson, and Mr. Stanbery. Chairman Holland was also present. The Committee makes the following recommendations, included in the June 21<sup>st</sup>, 2019 Board Packet at Tab CR-1, for the Board's consideration.

Recommend the following applications be approved following a certification hearing effective immediately unless otherwise noted on the certification hearing agenda:

Cert. ID	Name	Certification
4803	Adler, Roderick	Building Plans Examiner Plumbing Plans Examiner Mechanical Plans Examiner Electrical Plans Examiner Fire Protection Plans Examiner
6209	Anderson, Drew	Master Plans Examiner
6219	Boyko, Jason	Non Residential Industrial Unit Inspector
6213	Brown, Joseph	Electrical Safety Inspector**
6208	Corcoran, Mark	Residential Building Official Residential Building Inspector Residential Mechanical Inspector
5680	DiFucci, William	Residential Plans Examiner Residential Industrial Unit Inspector Non Residential Industrial Unit Inspector
5767	Dover, Jeremy	Master Plans Examiner Trainee
404	Eckenrode, Joseph	Building Plans Examiner Building Inspector Trainee
5510	Lloyd, Daniel	Mechanical Inspector Trainee
6205	Lueders, Thomas	Building Official
6218	Miller, Stephen	Building Inspector
1031	Montgomery, Lee	Building Official
1130	Paszke, John	Building Plans Examiner Mechanical Inspector Trainee
5773	Reef, Justin	Residential Mechanical Inspector Trainee
6217	Rivera, Dawn	Electrical Safety Inspector*
6206	Rufe, Stephen	Master Plans Examiner
6199	Smith, Alisha	Electrical Safety Inspector*
6201	Speelman, Steven	Electrical Safety Inspector*
6200	Stout, Thomas	Electrical Safety Inspector*
4969	Sutphin, Charles	Building Inspector



6210	Underwood, Scott	Mechanical Plans Examiner
1542	Verbiar, Joseph	Building Inspector
6203	Warthem, Christopher	Building Official
		Building Inspector

\*Electrical Safety Inspectors must complete examinations prior to issuance of interim certification

\*\* Denotes conditional approval

**Building Department Certification Applications**

Trenton

Non-residential from sub-department under Butler County to full department with a service contract with NIC.

Except med gas and plumbing.

All paperwork received.

Millersport

New non-residential sub-department of Fairfield County

Except Plumbing and Med Gas

**Consent-Certificates Issued Administratively**

Jordan Schaeper - FASD

Brock Riley - RBO

Steve Shrake - RBO

Jake Bross - SHSD

Michael Wackerly - FASD

Darlene Glass - RBO

Derrick Roberts - RBO

Recommend the following applications be denied, additional information be requested, or other action as noted:

Dickerson, Andrew - ESI Additional Information

Cert ID 368

Current Certifications: BI 2000, BO 2010, RBI 2009

ESIAC Recommendations: Need additional information on electrical experience

Committee Recommendation: Resubmit additional information to ESIAC

Miller, Quinn - BI

Cert ID 6073

No Current Certifications

Committee Recommendation: Deny

Konys, Paul - ESI Trainee  
Cert ID 793  
Current certifications: BO, MI, PI, BI, RBO, RBI  
Committee Recommendation: Approve extension of trainee period for two years.

Schwaben, Ronald - BI  
Cert ID 6011  
Current Certifications: PI, RBI  
Committee recommendation: Deny

Moraitis, Stavros - BI, RBO  
Cert ID 6204  
TABLED

Fitzpatrick, Matthew - BI  
Cert ID 5937  
Current Certifications: PI  
Committee Recommendation: Deny

Underwood, Scott - MI  
Cert ID 6210  
Current Certifications: None  
Committee Recommendation: Request additional information on mechanical

Despiau, Dennis - BI  
Cert ID 5922  
Current Certifications: RBI  
Committee Recommendation: Request additional information on commercial experience, military work

Traynoff, Bryon - BI  
Cert ID 5682  
Current Certifications: RBO  
Committee Recommendation: Tabled for additional information

Holcomb, Roger - ESI  
Cert ID 6202  
No current certifications.  
ESIAC Recommendations: More information on electrical experience.  
Committee Recommendation: Request additional information on electrical experience.

Canaly, Steven - ESI  
Additional information sent to ESIAC for review  
ESIAC Recommendation: Does not meet criteria for ESI: recommend Ohio elevator certification or ESI Trainee  
Committee Recommendation: Deny, recommend trainee or elevator certification.

Qualters, David - BI, RBI  
Cert ID 6216  
No current certifications  
Committee Recommendation: Request additional information, other licensures.

Dissauer Jr., Lawrence - BI  
Cert ID 6215  
No current certifications  
Committee Recommendation: Request additional information on specific experience.

Benson, Larry - RBI  
Cert ID 6214  
Committee Recommendation: Request additional information on skilled trades work, structural.

**Item Attachment Documents:**

CR-2 Education Committee Report



# Board of Building Standards

## EDUCATION COMMITTEE MEETING REPORT

The Education Committee met on June 20<sup>th</sup>, 2019 at 11:00 aM, with the following members present: Mr. McCafferty, Mr. Collins, Ms. Cromwell, Mr. Samuelson, and Mr. Stanbery. Chairman Holland was also present. The committee makes the following recommendations, included in the June 21<sup>st</sup> 2019 Board Packet at Tab CR-2, for the Board's consideration.

### Course Applications

- ER-1     2015 IFC and IBC Fire Protection Systems (International Code Council)  
All certifications except ESI (6 hours)  
Committee Recommendation: Recommend approval with standard caveat on slide in presentation: "This course is based on model code and attendees should check with their local jurisdictions for applicability."
- ER-2     Life Safety Dampers (Mussun Sales)  
BO, BPE, BI, RMI (3 hours)  
Updated version of BBS2016-414 approved for BO, BI, and MI  
Committee Recommendation: Recommend approval with standard caveat on slide in presentation: "This course is based on model code and attendees should check with their local jurisdictions for applicability."  
Approve for 1.5 hours, include MPE, MechPE, MI, NRIUI, RBO, RBI, RPE, RIUI.
- ER-3     2019 RCO Session 1 (Strongsville): Chapter 1  
All Certifications except IU inspectors (1 hour)  
Committee Recommendation: Recommend approval, include IU
- ER-4     2019 RCO Session 2 (Strongsville): Chapter 2  
All Certifications except IU inspectors (2 hours)  
Committee Recommendation: Recommend approval, include IU
- ER-5     2019 RCO Session 3 (Strongsville): Chapter 3  
All Certifications except IU inspectors (2 hours)  
Committee Recommendation: Recommend approval, include IU
- ER-6     2019 RCO Session 4 (Strongsville): Chapter 4  
BO, MPE, BPE, BI, RBO, RPE, RBI (1 hour)  
Committee Recommendation: Recommend approval, include IU
- ER-7     2019 RCO Session 5 (Strongsville): Chapter 5  
BO, MPE, BPE, BI, RBO, RPE, RBI (2 hours)  
Committee Recommendation: Recommend approval, include IU

- ER-8 2019 RCO Session 6 (Strongsville): Chapter 6  
BO, MPE, BPE, BI, RBO, RPE, RBI (2 hours)  
Committee Recommendation: Recommend approval, include IU
- ER-9 2019 RCO Session 7 (Strongsville): Chapters 7-10  
BO, MPE, BPE, BI, MI, RBO, RPE, RBI, RMI (2 hours)  
Committee Recommendation: Recommend approval, include IU, MechPE
- ER-10 2019 RCO Session 8 (Strongsville): Chapter 11  
All Certifications except IU and Fire Protection (1 hour)  
Committee Recommendation: Recommend approval, include IU
- ER-11 2019 RCO Session 9 (Strongsville): Chapters 13-16  
All Certifications except IU, Fire Protection, and ESI (2 hours)  
Committee Recommendation: Recommend approval, include IU
- ER-12 2019 RCO Session 10 (Strongsville): Chapters 19, 21, 23  
BO, MPE, BPE, PPE, EPE, MechPE, BI, MI, RBO, RPE, RBI, RMI (1 hour)  
Committee Recommendation: Recommend approval, include IU
- ER-13 2019 RCO Session 11 (Strongsville): Chapter 24  
BO, MPE, BPE, PPE, EPE, MechPE, BI, MI, RBO, RPE, RBI, RMI (2 hours)  
Committee Recommendation: Recommend approval, include IU
- ER-14 Class N. Circuits? Deciphering the Fire Alarm Circuit Alphabet (Jeffrey Moore)  
BO, MPE, BPE, EPE, FPPE, BI, FPI (1 hour)  
Committee Recommendation: Recommend approval, include IU

**Item Attachment Documents:**

AB-1 Steel Joist Institute - Industry Trade Association

### UPDATE STATUS OF CONFORMITY ASSESSMENT BODIES

RECOGNITION RECOMMENDED

HOLD - PENDING REVIEW



Log number	2017 Tri Annual Renewal completion Date	Company/Contact and email	Contact Name/Title Phone Number/Email	Received Date	Certificate and scope of Recognized accreditation submitted?	Scanned/FILED	Recommend Recognition?	Board Meeting recognition date	Recognition Letter sent date	CONFORMITY ASSESSMENT BODY TYPE										
										Testing Laboratory	Product Certification Body / Evaluation Services	Product Certification Body / Listing Agency	Inspection Body	Field Evaluation body	Fabricator Inspection Program/Agency	Special Inspection Agency	Calibration Laboratory	Industry Trade Association		
98	NEW	Steel Joist Institute 140 West Evans Street, Suite 203, Florence, SC 29501	J. Kenneth Charles, III Managing Director T 843-407-4091	6/20/2019	ANSI	Y	Y	6/21/2019	1/25/2019											X



**Item Attachment Documents:**

OB-1 Amendments Group 98 (Proposed Ohio Building Code Rules Clarifying Storm Shelter Requirements) - Action to initiate eNotification & file the proposed rules with CSI Office

**June 17, 2019 Stakeholder Meeting**  
**OBC Chapters 4 & 34 Rules – Storm Shelters**

Attendees:

Amit Ghosh, City of Columbus  
Bill Prenosil, OFCC  
Gary Eodice, Heapy

Staff Present:

Regina Hanshaw  
Steve Regoli  
Debbie Ohler  
Jay Richards  
Rob Johnson

Board Members Present

Dave Collins

Board Staff presented overview of Chapters 4 & 34 Proposed Rules.

Comments Submitted:

Mr. Predosil commented he liked the clarification for occupant capacity but stated that the term “classroom” may be confusing because the nature of school construction has changed where instruction can take place in non-traditional settings. Mr. Predosil stated he would research possible alternative language or clarifications of the “term” classroom for the Board’s consideration.



May 2019

AMENDMENTS GROUP 98 - OHIO BUILDING CODE PROPOSED CHANGES

Ohio Administrative Code Rule Number	Paragraph/Section	Source of Proposed Change	Reason for Proposed Change
4101:1-4-01	404.6, exception #3	2018 IBC	Clarifies intent of exemption for atrium fire barriers
	404.6, exception #4	2018 IBC	Adds a new exemption for atrium fire barriers
	406.1- 406.8.3	2018 IBC	Reorganizes the entire section, modifies a few paragraphs, corrects code references, and renumbers sections to clarify the motor-vehicle related occupancy requirements
	406.4.2	ICC Errata	Corrects a Chapter 16 code reference
	423.1.1	BBS	Simplifies the section for Ohio-deletes references to high wind and hurricane storm shelters and refers, instead, just to tornado shelters.
	423.3	BBS	Changes “rescue and ambulance stations” to “emergency medical service stations” and adds a sentence referring to new occupant capacity section
	423.3.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for first responder buildings
	423.4	BBS	Adds a reference to a new occupant capacity section
	423.4.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for Group E buildings
	424.4	ICC Errata	Changes “playground structure” to “play structure”
4101:1-34-01	3401.1.1.1	BBS	Changes “and” to “or”, recognizing that either the IECC or the ASHRAE 90.1 are acceptable energy code standards, not both.

	3403.1	BBS	Adds clarifying sentences and words to the “General” paragraph for additions
	3403.1.1	BBS	Editorial fix to capitalize two words
	3403.1.2	BBS	Adds an introductory sentence to clarify application of the section
	3401.1.2.1	BBS	Reorganizes the entire section, modifies a few words, renumbers subsections, and creates a new subsection to clarify how to apply the requirements for additions
	3401.1.2.2	BBS	Adds an introductory sentence to clarify application of the section, adds an option for fire wall separation of the existing and new building, and clarifies the intent of extending the sprinkler system into the existing building when a fire wall or fire barrier is not constructed
	3403.6	BBS	Adds a new section addressing storm shelters for additions to existing Group E and first responder buildings
	3403.6.1	BBS	Adds an introductory sentence for the new occupant capacity subsections
	3403.6.1.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for an addition to a Group E existing building
	3403.6.1.2	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for an addition to a first responder existing building
	3404.1	BBS	Corrects a code reference
	3404.7	BBS	Adds a new section that clarifies that storm shelters are not required for alterations to existing buildings unless there is a change of occupancy
	3406.5	IEBC and IFC	Adds a clarifying dimension and an exception for the opening protectives required near an existing fire escape
	3408.5	BBS	Adds a new section that clarifies

			when storm shelters are required for a change of occupancy to an existing Group E or first responder building
	3408.5.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for a change of occupancy to an existing building
	3412.2.1.1	BBS	Adds a new section that clarifies when storm shelters are required for a change of occupancy to an existing Group E or first responder building
	3412.2.1.1.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for a change of occupancy to an existing building
	3412.2.3	BBS	Adds clarifying sentences and words to the general “Additions” section
	3412.2.3.1	BBS	Editorial fix to capitalize two words
	3412.2.3.2	BBS	Adds an introductory sentence to clarify application of the section
	3412.2.3.2.1	BBS	Reorganizes the entire section, modifies a few words, renumbers subsections, and creates a new subsection to clarify how to apply the requirements for additions
	3412.2.3.2.2	BBS	Adds an introductory sentence to clarify application of the section, adds an option for fire wall separation of the existing and new building, and clarifies the intent of extending the sprinkler system into the existing building when a fire wall or fire barrier is not constructed
	3412.2.3.3	BBS	Adds a new section addressing storm shelters for additions to existing Group E and first responder buildings
	3412.2.3.3.1	BBS	Adds an introductory sentence for the new occupant capacity subsections

	3412.2.3.3.1.1	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for an addition to a Group E existing building
	3412.2.3.3.1.2	BBS	Adds a new section that prescribes the required occupant capacity of a required storm shelter for an addition to a first responder existing building
	3412.2.4.2	BBS	Adds a new section that clarifies that storm shelters are not required for alterations to existing buildings unless there is a change of occupancy
	3412.6.5.1	BBS	Brings back text from the original 2017 OBC Chapter 34 rule
	3412.6.16	BBS	Editorial fix

**Item Attachment Documents:**

OB-2 Amendments Group 99 (Proposed Amendments to OBC, OMC & OPC) - Action to initiate eNotification & file the proposed rules with CSI Office

**June 17, 2019 Stakeholder Meeting**  
**OBC, OMC & OPC Rules – Selected Amendments from 2018 I-Codes**

Attendees:

Amit Ghosh, City of Columbus  
Bill Prenosil, OFCC  
Gary Eodice, Heapy  
Nathan Alwood, ACCCO  
David Mann, American Technology Council

Staff Present:

Regina Hanshaw  
Steve Regoli  
Debbie Ohler  
Jay Richards  
Rob Johnson

Board Members Present

Dave Collins

Board Staff presented overview of proposed OBC, OMC and OPC Rules including selected amendments from 2018 I-Codes.

Comments Submitted:

Ohio Mechanical Code Rules

Typos were noted by Staff for correction in Section 107.2

Ohio Plumbing Code

Clarification was noted by Staff that Section 701.8 was reference to the building code.

Mr. Ghosh requested to also incorporate the “less effective” language from Section 3401.2 in the maintenance section in Chapter 1 of the building code.

Mr. Eodice stated agreement with language in Section 701.8 regarding reuse of existing drainage piping and that scoping all the time should not be required but the design professional should be relied to specify when needed.



Both Mr. Ghosh and Mr. Eodice requested clarification of the new language in 915.2 and whether it was intended to be an exception to the 8 feet limitation for vertical distance of combination waste and vent pipe. Mr. Eodice stated in some larger factory/manufacturing installations. Staff responded that the language was the result of an approved petition and that we would research the review the petition to determine if that was the intent.

#### Ohio Building Code

Mr. Ghosh questioned the need for posting structural loads in Section 108.9. He stated that once the postings are in place the building department no longer has jurisdiction. Staff responded that the information is provided for occupants to be aware of maximum loads for different areas of a building.

Mr. Ghosh requested whether the new provisions for security access turnstiles addressed the pressure to actuate. Staff responded that the new language does not but would be addressed in accessibility requirements.

Mr. Mann stated opposition for extension of R-3 exception for energy code compliance in Chapter 13 to include OHBA option. Mr. Mann also submitted written comments attached. Staff explained that the Board's Code Committee is still reviewing the newer editions of the energy codes and likely would move forward with adoption in the near future. The reason for including the expanded R-3 exception was to coincide with the new Residential Code of Ohio going into effect July 1 as close as possible. Staff also noted the Board conducted an analysis of R-3 module OHBA option minimum values and required equipment efficiencies as conditions, and it met the 2018 ERI method included in the new RCO. Mr. Mann stated if that was the case it would be the be hard to argue against, but they would also do an analysis of equivalency.



June 17, 2019

Gerald Holland  
Chair, Ohio Board of Building Standards  
6606 Tussing Road  
Reynoldsburg, Ohio 43068

Via Email: [BBS@com.state.oh.us](mailto:BBS@com.state.oh.us)

**RE: ACC Comments On Proposed Ohio Building Code Rules Chapter 13**

Dear Chairman Holland and Members of the Committee:

The American Chemistry Council (ACC) is a national trade association representing a diverse set of companies engaged in the business of chemistry. Our members are committed to the safety of their products and public health through Responsible Care® and other beneficial programs. Over 96% of all manufactured goods are directly touched by the business of chemistry, making this industry an essential part of our nation's economy. Thanks to chemistry, Ohio citizens' lives are healthier, safer, more sustainable, and more productive.

The Ohio Chemistry Technology Council (OCTC) is a statewide trade organization representing chemical companies who are involved in manufacturing products for a diverse mix of industries. Ohio's chemical industry is the second largest manufacturing industry in the State and Ohio is the 6<sup>th</sup> largest chemical manufacturing state, employing over 44,000 people with an average wage of over \$80,000 and providing \$1.3 billion in federal, state and local taxes.

We urge you only to strengthen, not weaken, the energy conservation requirements in the code. The current Ohio requirements are already falling behind much of the country. Citizens and businesses in the state of Ohio have much to gain from adopting a more aggressive energy code.

Unfortunately, the proposed rule in front of you today is a step backward for efficiency. Specifically, the amendment at **4101:1-13-01** to provide an exception to allow certain Group R-3 occupancies to use the RCO energy conservation requirements and prescribe conditions for use of the RCO OHBA method when used to demonstrate compliance for multi-family residential buildings. This exception allows for a much less stringent set of efficiency requirements. It will create a loophole and result in the tenants of these units using more energy, being less comfortable, and paying higher

bills. We strongly opposed this compliance path during the review of the residential energy code and reiterate that opposition today.

Instead, we encourage the Board to adopt the 2018 IECC for commercial construction as it will be good for Ohio's economy. Ohio has a vibrant manufacturing sector. Many businesses employ people in the production and sale of building products and systems used to increase the energy efficiency of buildings and homes. These companies have also invested substantially in R&D that leads to cutting edge products with enormous environmental and cost savings. Similarly new tools of material science are being used to test and evaluate innovation before incorporation into the code. Adopting an updated energy code takes advantage of innovation and technology in a win-win that supports consumers, home owners, workers, and the state economy.

We are happy to answer any questions that you have as you work to maximize building energy efficiency. Please contact us if we can be of any further assistance.

Sincerely,

Josh Young  
Senior Director, Government Affairs, State Affairs and Political Mobilization  
josh\_young@americanchemistry.com  
American Chemistry Council  
700 2nd Street, NE  
Washington, DC 20002

Jenn Klein, President  
jklein@ohiochemistry.org  
Ohio Chemistry Technology Council  
88 E. Broad Street, Suite 1490  
Columbus, Ohio 43215

**VIA ELECTRONIC MAIL**

Gerald Holland, Chairman  
Ohio Board of Building Standards  
6606 Tussing Road  
Reynoldsburg, OH 43068

June 14, 2019

**Brief RECA Comments on Proposed Revisions to Ohio's Commercial Energy Code Contained in Amendments Group 99**

Dear Mr. Holland:

The Responsible Energy Codes Alliance (RECA)<sup>1</sup> submits the following response to a request for comments on the proposed revisions to Chapter 13 of the Ohio Building Code contained in Amendments Group 99. **We urge the Board of Building Standards to reject the proposed changes to Section 1301, which could substantially weaken the long-term efficiency of Group R-3 buildings by allowing compliance via the Ohio Home Builder Association (OHBA) Alternative Energy Code Option.** We also encourage the Board to move forward with a comprehensive update of the commercial energy provisions to the 2018 *IECC* as soon as it is feasible.

**RECA Opposes Expanding OHBA Alternative to Cover R-3 Buildings.**

The proposed amendments to Section 1301 of the Ohio Building Code would add a new exception to the energy conservation requirements, permitting Group R-3 buildings to comply with the OHBA Alternative outlined in Section N1105 of the Residential Code of Ohio. The OHBA Alternative allows builders to substantially reduce the efficiency of certain long-term home components – such as insulation and fenestration – below what would be required by the Residential Code of Ohio (and Chapter 13 of the Ohio Building Code). Even if the Board determined that an alternative compliance path was necessary for Group R-3 buildings, we note that the OHBA Alternative was developed using analyses of single-family

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<sup>1</sup> RECA is a broad coalition of product and equipment manufacturers, trade associations, building science experts, and energy efficiency advocates. A list of our members can be found on our website, [www.reca-codes.com](http://www.reca-codes.com). RECA's mission is to promote the adoption of the latest model energy codes without substantive weakening amendments, and to help states and cities achieve the benefits their citizens have come to expect from modern building energy codes.

residential buildings and was included as part of a broad compromise to update the Residential Code of Ohio to the 2018 *IECC*. (To our knowledge, Group R-3 buildings were not considered in the development of the OHBA Alternative.) Allowing compliance with the Ohio Building Code via the reduced efficiency requirements in the OHBA Alternative would weaken the commercial energy provisions that currently apply to Group R-3 buildings – a step in the wrong direction for Ohio’s energy policy.

**RECA Supports a Comprehensive Update to the 2018 *IECC* Commercial Provisions.**

Although a full commercial energy code update is not proposed as part of Amendments Group 99, we encourage the Board to consider the 2018 *IECC* for the Ohio Building Code energy conservation provisions. The owners, renters, and occupants of Ohio’s commercial buildings stand to benefit from the adoption of the 2018 *IECC* through improvements to the building thermal envelope, including improvements in insulation and fenestration that will keep occupants more comfortable in both heating and cooling seasons. The 2018 *IECC* also contains higher standards for mechanical equipment and lighting will likewise save energy and help maintain occupant health. And the 2018 *IECC* contains the most up-to-date references, definitions, and streamlined language, providing a solid platform for effective code compliance and enforcement. Constructing commercial buildings to the most recent national model energy codes is a solid investment in Ohio’s energy future.

**Conclusion**

In sum, we urge the Board to take steps to improve the commercial energy provisions by considering the 2018 *IECC*, and to reject the proposed changes to Section 1301 because they could result in reduced efficiency requirements for Group R-3 buildings. We offer our assistance and experience in energy code adoption and implementation as you work to maximize building energy efficiency. We hope that you will not hesitate to draw on RECA’s support and willingness to help. Please contact me at (202) 339-6366 if you have any questions or would like to discuss how RECA can be of assistance.

Sincerely,

Eric Lacey  
RECA Chairman

May 2019

AMENDMENTS GROUP 99 - OHIO BUILDING CODE PROPOSED CHANGES

Ohio Administrative Code Rule Number	Paragraph/Section	Source of Proposed Change	Reason for Proposed Change
4101:1-1-01	101.2, Exception 1	BBS	Clarifies that one-, two-, and three-family dwellings used as models are outside the scope of the OBC
	101.2, Exception 12	BBS	Clarifies the intent of the gas pipeline exemption
	102.11	BBS	Corrects a code reference
	105.1.4	BBS	Provides a code reference
	108.9	BBS	Corrects a code reference
	114.2	BBS	Corrects a grammar mistake
4101:1-10-01	Table 1004.1.2	2018 IBC	Changes the occupant load factor for business spaces from 100 gross to 150 gross and adds a reference to a new section for concentrated business use areas
	1004.7	2018 IBC	Adjusts the occupant load factor for certain concentrated business use areas
	1009.7.2	2018 IBC	Allows flexibility and relief for sprinklered buildings in the design of exterior areas for assisted rescue
	1010.1.9.4, #4	BBS	Adds a missing "S" occupancy
	1010.3.3	2018 IBC	Adds a new section addressing security access turnstiles in the means of egress
	1020.2	2018 IBC	Clarifies intent of "ambulatory care facilities" as applied to corridor width determination
	1023.3.1	2018 IBC	Provides an exception to the separation requirement between an interior exit stairway and the exit passageway extension if both are pressurized
	1029.6	2018 IBC	Clarifies code sections to be used to determine aisle capacity for assembly occupancies
	1030.1	2018 IBC	Reorganizes the section to clarify intent, adds Group R-4 to the occupancies requiring

			emergency escape and rescue openings, and adds an exception for sprinklered dwelling units and sleeping units having prescribed egress characteristics
4101:1-13-01	1301.1.1	BBS	Provides an exception to allow certain Group R-3 occupancies to use the RCO energy conservation requirements
	1301.1.1.1	BBS	Prescribes conditions for use of the RCO OHBA method when used to demonstrate compliance for multi-family residential buildings
4101:1-15-01	Table 1504.1.1	ICC Errata	Corrects code reference in column heading
	1504.5	ICC Errata	Corrects code references
	1507.18	2018 IBC	Recognizes and prescribes requirements for the installation of building-integrated photovoltaic (BIPV) roof panels
	1510.5.1	ICC Errata	Corrects a code reference
4101:1-29-01	2902.1.1, Exception 2	2021 IPC	Adds an exception to the distribution of plumbing fixtures by gender
	2902.1.2	2021 IPC	Removes the word “facilities” and adds a sentence to allow single-user or separate facilities to be used in the calculation of required number of plumbing fixtures
	Table 2902.1	2018 IPC Errata	Clarifies that ambulatory care facilities are business occupancies
	2902.2, Exceptions 5 & 6	2021 IPC	Adds design flexibility by allowing mixed-gender facilities
4101:1-35-01	ICC	2018 IBC	Updates the IFGC standard from the 2015 edition to the 2018 edition
	NFPA	BBS	Adopts the NFPA 70 TIA 17-8 which eliminates a conflict between NFPA 99 and NFPA 70 with regard to wiring protection for emergency systems in health care occupancies where persons are not capable of self-preservation

May 2019

AMENDMENTS GROUP 99 - OHIO PLUMBING CODE PROPOSED CHANGES

Ohio Administrative Code Rule Number	Paragraph/Section	Source of Proposed Change	Reason for Proposed Change
4101:3-4-01	403.1.1, Exception 2	2021 IPC	Adds an exception to the requirement for distribution of plumbing fixtures by gender
	403.1.2	2021 IPC	Removes the word “facilities” and adds a sentence to allow single-user or separate facilities to be used in the calculation of required number of plumbing fixtures
	Table 403.1	2018 IPC Errata	Clarifies that ambulatory care facilities are business occupancies
	403.2, Exceptions 5 & 6	2021 IPC	Adds design flexibility by allowing mixed-gender facilities
	406.2	ICC Errata	Corrects a code reference
	410.3, Exception 2	ICC Errata	Adds new exception for high-low drinking fountains
4101:3-7-01	701.8	2018 IPC	Removes prohibition of drainage piping running above food prep areas, storage areas, or eating surfaces
	701.8	BBS	Addresses reuse of existing sanitary drainage piping
	711.1	ICC Errata	Corrects a code reference
4101:3-8-01	802.1.8	Petition 18-06	Allows food utensil, dishes, pots and pans sinks to directly connect to the drainage system. Clarifies that food handling sinks are required to be indirectly connected to the drainage system.
4101:3-9-01	Table 906.1	ICC Errata	Corrects the vent developed length table (for 1.5-inch diameter vent and 3-inch soil or waste stack)
	915.2	Petition 18-05	Requires upsizing of the waste and vent pipe serving the vertical section of a floor drain using the combination waste and vent system method of venting



4101:3-10-01	1002.1	BBS	Reorganizes the section to clarify intent of exceptions
	1002.1, Exception 1	Petition 18-04	Deletes floor drains, floor sinks, and hub drains from the exception for traps. Clarified original intent in Section 915.2
	1002.4.1.5	Petition 18-12	Allows the waste from certain indirectly connected fixtures to serve as the trap seal for emergency floor drains, trench drains, or floor sinks located in the same room
	1003.3.4	ICC Errata	Corrects standard numbers
4101:3-15-01	ICC	2018 IBC	Updates the IFGC standard from the 2015 edition to the 2018 edition
	NFPA	BBS	Adopts the NFPA 70 TIA 17-8 which eliminates a conflict between NFPA 99 and NFPA 70 with regard to wiring protection for emergency systems in health care occupancies where persons are not capable of self-preservation



May 2019

AMENDMENTS GROUP 99 - OHIO MECHANICAL CODE PROPOSED CHANGES

Ohio Administrative Code Rule Number	Paragraph/Section	Source of Proposed Change	Reason for Proposed Change
4101:2-5-01	507.2.6	2018 IMC	Adds a new exception to allow for less than 18-inch hood clearance to combustibles if hood is listed and labeled for such clearance
	513.5	ICC Errata	Provides a code reference and deletes unnecessary second sentence regarding smoke barriers
4101:2-11-01	1107.2	2018 IMC	Reorganizes the section addressing refrigerant piping location prohibitions and corrects terminology to clarify intent
	1109.1	ICC Errata	Deletes the erroneously placed word "pure"
4101:2-15-01	ICC	2018 IMC	Updates the IFGC standard from the 2015 edition to the 2018 edition
	IIAR	ICC Errata	Corrects the title of the standard 2
	NFPA	BBS	Adopts the NFPA 70 TIA 17-8 which eliminates a conflict between NFPA 99 and NFPA 70 with regard to wiring protection for emergency systems in health care occupancies where persons are not capable of self-preservation
	NSF	ICC Errata	Adds standard 14