



Board of Building Standards

CONFERENCE MEETING AGENDA

DATE: AUGUST 26, 2022
TIME: 10:00 AM
LOCATION: TRAINING RM 1, 6606 TUSSING RD, REYNOLDSBURG, OHIO 43068
[Click here to join the meeting](#)

Call to Order

Roll Call

Consideration of Minutes

[MIN-1](#) June 24, 2022 Meeting Minutes

Certification Hearing

[CH-1](#) Certification Hearing

Committee Reports

[CR-1](#) Code Committee Report
[CR-2](#) Certification Committee Report
[CR-3](#) Education Committee Report
CR-4 Committee-of-the-Whole - Certification Requirements Review

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

[AB-1](#) CSA Group Testing & Certification, Inc (Cleveland) - Evaluation Service, Listing Agency, Calibration Laboratory, CSA Group Testing & Certification, Inc (Ontario) - Evaluation Service, Inspection Body

Building Department Support & Oversight

RE-1 Building Department Personnel Recognition - Terry Welker

Public Comments

Old Business

[OB-1](#) Petition 20-13 (Permit Tech Certification)

New Business

[NB-1](#) Petition #22-02 OPC Chapters 2 and 3 - Larry Cormack, Jr., City of Columbus
[NB-2](#) MOU with OBOA to host Code Academy at Joint Conference

Compensate Board Members for Work Performed at their Regular Rate

Future Meeting Schedule

September 23, 2022
October 21, 2022

November 18, 2022
December 16, 2022

Motion to Adjourn

File Attachments for Item:

MIN-1 June 24, 2022 Meeting Minutes

MINUTES
BOARD OF BUILDING STANDARDS
CONFERENCE MEETING & CERTIFICATION HEARING
June 24, 2022

The Board of Building Standards Conference Meeting was called to order at 10:00 a.m., Friday, June 24, 2022 at 6606 Tussing Road, Reynoldsburg, Ohio, Chairman Timothy Galvin presiding.

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

Gregory Barney, Industrialized Units
Julienne Cromwell, Structural Engineer
Joseph F. Denk, Jr., Mechanical Engineer
Timothy P. Galvin, General Contractor, Chair
John Johnson, Construction Materials
Christopher Miller, Renewable Energy
Jeff Samuelson, Architect
Bailey Stanbery, Homebuilder
Jeff Tyler, Architect
Greg Warner, Fire Service
Paul Yankie, Energy Conservation

The following Board members were absent:

John Pavlis, Homebuilder, Vice-Chair
Don Leach, Attorney
Terry McCafferty, Public Member

A quorum of the Board was present.

The following staff members were present:

Megan Foley, Certification Program Administrator
Debbie Ohler, Construction Codes Administrator
Jay Richards, Assistant Construction Codes Administrator
Mike Regan, IU Plans Examiner
Robert Johnson, Assistant Construction Codes Administrator
Mike Regan, IU Plans Examiner
Caroline Mills, Assistant Attorney General

The following visitors were present:

Kris Klaus, OHBA

CONSIDERATION OF THE MINUTES

Mr. Stanbery moved and Mr. Johnson seconded to approve the minutes of the May 13, 2022 meeting.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

CERTIFICATION HEARING

Chairman Galvin 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. Ms. Foley informed the Board that the individuals and departments appear on the hearing agenda have been reviewed by the Certification Committee and determined to meet the requirements of certification.

COMMITTEE REPORTS

CR-1 Code Committee Report

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

The Code Committee met on June 23, 2022 with the following members present: Mr. Denk, Ms. Cromwell, Mr. Johnson, Mr. Miller, Mr. Pavlis, Mr. Samuelson, Mr. Stanbery, Mr. Tyler, and Mr. Yankie. Board Chairman, Tim Galvin, was also present.

The committee report is included in the June 24, 2022 Board Meeting Packet at tab CR-1 for the Board's consideration.

Call to Order

The meeting was called to order by Mr. Denk at 1:04 P.M.

Approval of Minutes

Mr. Stanbery made the motion to approve the minutes of the Code Committee meeting held on May 12, 2022. Mr. Miller seconded the motion. The motion passed unanimously.

Petitions

Petition #22-02 from Larry Cormack, Jr. of the City of Columbus was introduced to the committee. The OPC petition proposes to prohibit dead ends in plumbing systems. Staff will work with the petitioner to clarify the details of his proposal. No action was taken.

Recommendations of the Residential Construction Advisory Committee

No items for consideration

Old Business

2020 NEC Proposed TIAs

Staff alerted the committee of two proposed TIAs that could impact the rule language decided upon by the BBS for the adoption of the 2020 edition of NFPA 70: TIA 1653 which proposes to expand the GFCI exemption to all HVAC equipment and extend it through September of 2026; and TIA 1656 which proposes to extend the GFCI exemption only for HVAC equipment employing power conversion equipment through September of 2026. The NFPA Standards Council is expected to make a decision on the proposed TIAs in early August. Tim McClintock attended virtually to answer any questions that the committee may have had. Staff will keep the committee informed.

Commercial Energy Code Review

Matt Setzekorn presented the energy modeling work that he performed for the committee. Overall, he confirmed that for most buildings there is a 20% energy savings moving from the 2010 ASHRAE 90.1 to the 2019 edition. Mr. Pavlis had worked with Mr. Setzekorn by providing a sample metal building to model and cost estimates for metal building insulation. Mr. Pavlis was informed that for metal buildings, the big hit occurred in the ASHRAE 90.1-2013 edition. After that edition, there were very few changes to metal building insulation values. Mr. Setzekorn will model an enclosed parking garage, as requested by Ms. Cromwell, and forward those results with the summary presented today.

Mr. Aaron Dearth and Mike Halapy attended the meeting online and shared concerns about the design and cost impact that newer energy code insulation requirements have on Groups F and S metal buildings.

OBC Draft rule Review (Ch 3 and 4)

Staff reminded the committee of the reasons for the new rule format and presented the draft proposed rules for the OBC Chapters 3 and 4. Staff explained that there is still much coordination work to do and recommended committee action only after all chapters have been presented. No action was taken.

New Business

No items for consideration

Adjourn

Mr. Johnson made the motion to adjourn at 3:46 P.M. Mr. Miller seconded the motion. The motion passed unanimously.

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

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

CR-2 Certification Committee Report

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

The Certification Committee met in person on June 23rd, 2022, at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. Leach, Mr. McCafferty, Ms. Cromwell, Mr. Stanbery, Mr. Samuelson, and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the June 24th, 2022 Board Packet at Tab CR-2, for the Board's consideration.

Also present at the meeting were guests Jason Baughman, Iain Abernethy, Scott Mueller, Amit Ghosh, James Richardson, Colin Johnson, Parrish Mines, Edoardo Roncone, Duane Matlack, Jacinda Cheatham, and BBS Staff, Megan Foley, Amy Jones, and Rob Johnson.

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

Certification ID:	Name	Certification Granted
8834	Abernethy, Iain	Building Inspector
8856	Anglin, Jerry	Fire Alarm Systems Designer
5855	Arnett, Brad	Building Inspector Residential Building Inspector
5783	Ashley, Alan	Building Plans Examiner
8813	Bailey, Alton	Residential Building Inspector Residential Mechanical Inspector Residential Industrialized Unit Inspector
8850	Bajaj, Rahul	NonResidential Industrial Unit Inspector
8843	Baum, Travis	Building Inspector
8862	Bibighaus, Richard	Fire Protection Inspector Fire Protection Plans Examiner
	Bost, Clarissa	Residential Building Inspector
8868	Climer Jr., Carl	Electrical Safety Inspector*
	Craig, John	Building Inspector Residential Building Inspector
1961	Cushman, Jeanne	Residential Building Inspector
8852	DeLong, William	Residential Building Inspector Trainee
6008	Ditto, Douglas	Building Official
	Felty, Mark	Electrical Safety Inspector*, **
8849	Froelich, Michael	Fire Protection Inspector
6378	Gladwell, Michael	Residential Building Official
8860	Hall Jr., Everett	Fire Protection Inspector Fire Protection Plans Examiner
4697	Harden, Alfred	Fire Protection Inspector
8855	Hare, Aaron	Residential Building Inspector
4717	Hughes, Brandon	Building Official

8841	Jimenez, Gerardo	NonResidential Industrial Unit Inspector Residential Industrial Unit Inspector
	Jones, Andrew	Electrical Safety Inspector*
8807	Joyce, Brian	Residential Building Inspector Trainee
5759	Lawwell, Michael	Building Plans Examiner
5686	Lenahan, Joe	Residential Building Official Residential Plans Examiner
8854	Lewis, Justin	Electrical Safety Inspector* Residential Building Official
8846	Mattos, Joshua	Residential Industrial Unit Inspector
8858	McClurg, Sierra	Plumbing Inspector**
8795	Mercer, Nathaniel	Building Inspector Residential Building Official
	Miller, Lorren	Plumbing Inspector Plumbing Plans Examiner
5993	Mines, Parrish	Residential Building Official Building Plans Examiner**
8870	Mueller, Scott	Building Inspector Electrical Safety Inspector*
2101	Nussbaum, Mark	Residential Building Official
8864	Paige, Derek	Fire Protection Inspector Fire Protection Plans Examiner
8762	Palmer, Kimberly	Alternative Trainee Plan Approved
6157	Pastorius, Jason	Residential Plans Examiner
8521	Rakoczy Jr., Joseph	Building Official
8859	Roncone, Edoardo	Electrical Safety Inspector* Electrical Plans Examiner Residential Building Official Residential Building Inspector
8867	Sparks, Courtney	Fire Alarm Systems Designer
8847	Spiece, Anthony	Fire Alarm Systems Designer
8869	Velazquez Jr., Milton	Plumbing Inspector
8840	Voynick, Shawn	Fire Alarm Systems Designer
1613	Welsh, Stephen	Residential Building Inspector
8853	Wilmot, Timothy	Building Official Building
8861	Winkhart, Scott	Fire Protection Inspector Fire Protection Plans Examiner
8848	Zippay, Daniel	Electrical Safety Inspector*

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

** Denotes approval conditioned on receipt of forms or fees or other conditions.

Building Department Certifications, Manufactured Homes Inspection Agency/Inspectors
 None this month

Personnel Certification Applications

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

Baum, Travis - ESI

Cert ID: 8843

Current Certifications: None

ESIAC and Certification Committee Recommendations: Recommend request for additional information on electrical experience, and an indication on Section 6 of the application as to which qualification applicant meets.

Caruso, Allesio - BO

Cert ID: 221

Current Certifications: BI, RBO

Committee Recommendation: Recommend request for additional information on experience meeting requirements of Building Official certification.

Crawn, Andrew - FPI, FPPE

Cert ID: 8863

Current Certifications: None, FSI, no date given

Committee Recommendation: Recommend approval pending demonstration of 5+ years Fire Safety Inspector Certification.

Dimit, Jason - FPI, FPPE

Cert ID: 8865

Current Certifications: None, FSI since 2021.

Committee Recommendation: Recommend approval pending demonstration of 5+ years Fire Safety Inspector Certification, or 5+ years fire protection system installation experience.

Felty, Mark – ESI

Certification ID:

Current certifications- none

ESIAC Recommendation: Recommend approval

Committee Recommendation: Recommend approval upon receipt of application and fees

Henderson, Steven - FPI, FPPE

Cert ID: 8866

Current Certifications: None, did not include information on FSI certification

Committee Recommendation: Recommend approval pending demonstration of 5+ years Fire Safety Inspector Certification.

Jones, Andrew - FPI

Cert ID:

Current Certifications: None

Committee Recommendation: Recommend request for additional information on fire protection systems installation experience, including State Fire Marshal installation certification if applicable.

Lewis, Justin - BO

Certification ID: 8854

Current certifications: none

Committee recommendation: Recommend request for additional information demonstrating experience required for Building Official.

McClurg, Sierra - PI

Cert ID: 8858

Current Certifications: None

Committee Recommendation: Recommend interim PI be approved conditioned upon City of Columbus Training Program, as presented by Amit Ghosh and James Richardson, being completed prior to application for full certification.

Mines, Parrish - RBO, RPE

Cert ID: 5993

Current Certifications: RBI, RMI

Committee Recommendation: Recommend that RPE application be withdrawn, Building Plans Examiner application be substituted and approved upon receipt of application.

Palmer, Kimberly - RBI Trainee Alternative Trainee Plan

Cert ID: 8762

Current Certifications: None

Committee Recommendation: Recommend approval of Alternative Trainee Plan.

Smith Sr., Eddie - BI additional information

Certification ID: 8820

Current Certifications: FPI, FPPE

Committee Recommendations: Recommend request for additional information with detailed explanation of 5 years structural construction experience: applicant may wish to attend August 25, 2022 Certification Committee Meeting to discuss experience.

Welsh, Stephen - BI

Cert ID: 1613

Current Certifications: FPI since 2008

Committee Recommendation: Recommend request for additional information on structural experience, building department experience.

Young, Trenden - ESI

Cert ID:

Current Certifications: None

Committee Recommendation: Recommend request for additional information on electrical experience, review by ESIAC.

Old Business

OB-1 Investigation Summary Report - Girard

Committee Recommendation: Recommend adoption of staff report

OB-2 Permit Tech Certification Discussion

OBOA Permit Tech Working Group attending to discuss revisions to Permit Tech certification requirements, next steps.

Committee Recommendation: Recommend adoption of recommended certification requirements.

New Business

NB-1 Plumbing Inspector Trainee within health department/district

Under the prior certification of plumbing inspectors under DIC, trainee certification did not exist, and was therefore not available as a pathway for health department and health district personnel. Since the certifications have been consolidated under the BBS certification program, are health departments and districts now able to sponsor and supervise plumbing inspector trainees?

Committee Recommendation: Falls within BBS certification rules on trainees, recommend approval.

NB-2 Complaint Summary Report

Committee Recommendation: Recommend adoption of staff report.

Mr. Samuelson moved and Mr. Stanbery seconded to approve the recommendations of the committee.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

CR-3 Education Committee Report

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

The Education Committee met in person on June 23rd, 2022, at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. McCafferty, Mr. Stanbery, Ms. Cromwell, Mr. Samuelson, and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the June 24th, 2022 Board Packet at Tab CR-3, for the Board's consideration.

Also present at the meeting were BBS Staff, Megan Foley.

Course Applications Approvals, Denials, and Conditions as Noted.

101 Essential NEC 2020 Rules (Electrical League of Ohio)

ESI, BO, MPE, EPE, BI, RBO, RBI (4 hours)

Committee Recommendation: Recommend approval with inclusion of RPE, NRIUI, RIUI

ERCES Bi-Directional Amplifier Systems (Radio Solutions)

BO, MPE, BPE, BI, FPI, RPE (1.5 hours)

Committee Recommendation: Recommend approval, include FPPE, RBO, RBI

How to E-Learn and Study Skills (Building and Fire Code Academy)

All certifications (6 hours)

Committee Recommendation: Recommend approval

Water-Based Fire Protection Inspection Process (Fire Code Academy)

BO, MPE, BPE, PPE, FPPE, BI, FPI, NRIUI, RBO, RBI, RIUI (3 hours)

Committee Recommendation: Recommend approval, include PI, RPE

What Is It? Classifying Use and Occupancy (2- and 4- hour versions) (David Molnar)

All certifications (2-hour and 4-hour versions)

Committee Recommendation: Recommend approval

What Is It? Classifying Use and Occupancy (3-hour version) (David Molnar)

All certifications (3 hours)

Committee Recommendation: Recommend approval

Atrium Design, Vertical Space Design, and Wide Span Opening Protectives (McKeon Door)

BO, MPE, BPE, BI, FPI, NRIUI (3 hours)

Committee Recommendation: Recommend approval upon submission of Ohioization of course materials, as approved by BBS technical staff.

Substantial Damage Determinations (OBOA/Decker)

4 hours, all certifications.

Tabled to August meeting for slide submission.

Approved without condition:

Cincinnati Framing Checklist (Building and Fire Code Academy)

RBO, RPE, RBI, BI (6 hours in two 3-hour sessions)

Raceway Fill and Correction (Ohio Certificate Renewal)

All certifications except PPE, MechPE, and PI (4 hours)

2020 NEC Changes and Updates Article 230 through Chapter 4 (Labriola)

All certifications except plumbing and NRIUI (8 hours)

2020 NEC Changes and Updates Article 90 through Chapter 8 (Labriola)

All commercial certifications except plumbing; RBO, RPE, RIUI (24 hours)

2020 NEC Changes and Updates Articles 210.8(B) - 220 (Labriola)

All certifications except plumbing (4 hours)

2020 NEC Changes and Updates Articles 230-250 (Labriola)

All certifications except plumbing (4 hours)

2020 NEC Changes and Updates Articles 90 through 210.8(a) (Labriola)

All certifications except plumbing (4 hours)

2020 NEC Changes and Updates Articles 90-220 (Labriola)

All certifications except NRIUI and plumbing (8 hours)

2020 NEC Changes and Updates Chapter 5 (Labriola)

All certifications except plumbing (4 hours)

2020 NEC Changes and Updates Chapters 3 and 4 (Labriola)
All certifications except plumbing (4 hours)

2020 NEC Changes and Updates Chapters 5-8 (Labriola)
All certifications except NRIUI and plumbing (8 hours)

2020 NEC Changes and Updates Chapters 6, 7, and 8 (Labriola)
All certifications except plumbing (4 hours)

Analysis of Changes: 2020 NEC (International Code Council)
All certifications (8 hours)

Old Business

New Business
Changes to BBS Education Classification system
Committee Recommendation: Table to August meeting.

Mr. Stanbery moved and Ms. Cromwell seconded to approve the recommendations of the committee.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

CR-4 Committee-of-the-Whole

Ms. Hanshaw confirmed that the draft scope of work for proposed study on certification requirements was consistent with deliverables requested by the Board. No action was taken.

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

No items for consideration.

BUILDING DEPARTMENT SUPPORT AND OVERSIGHT

RE-1 Complaint Summary Report

Mr. Robert Johnson present the complaint summary report included in the Board's meeting packet at Tab RE-1:

Warren County (Maineville) Building Department

On June 15, 2022, a complaint was received from Laurel Cummings, of Maineville, Ohio indicating that a recently installed residential HVAC unit may be malfunctioning and is creating unhealthy fumes in her home. She provided Warren County Building Department inspector Gary Hubbs and the local fire chief have already inspected the house and found no serious hazards exist. She indicated that the installing contractor and manufacturer has not been responsive to requests. She has also had independent testing that revealed no significant hazard. Staff recommended that she contact the manufacturer to have their representative look at the system for manufacturer defect. The building department has done their duty and responsibility to determine compliance and verification of any serious hazards. Board staff find no violations to the Boards rules.
Recommendation: Dismiss complaint.

Mr. Samuelson moved and Ms. Cromwell seconded to accept the summary report and staff recommendations included in the Complaint Status Report and dismiss the complaint with no further action as no violation of the Board's rules has been identified.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

Andres Arocho, Plumbing Inspector (Interim) #8773, [David Velez, PI, ESI, RPI; Timotao Fadenholz, PI, MI]

On May 4, 2022, a complaint was received regarding the recent approval of the application of Andres Arocho, PI-interim on 2/25/2022 questioning the legitimacy of the experience indicated in his application and the concern that Mr. Arocho is not qualified to inspect plumbing systems. The complainant provided that an unnamed city employee was the source of the information providing that the experience listed by Mr. Arocho having worked for Fadenholz Plumbing for many years was falsified to ensure that he could be promoted to a plumbing inspector position within the City of Lorain Building Department. Board staff has contacted Mr. Arocho on May 10, 17, 18, and 24, and June 1, 2022, and requested that Mr. Arocho provide additional documentation to verify work experience since the complaint was filed. Staff provided a June 10, 2022, deadline for Mr. Arocho to provide tax, employment, or other experience verification records to the Board. As of this date, nothing has been submitted for review. Board staff have unsuccessfully attempted to contact Mr. Fadenholz to verify Mr. Arocho's work experience. Staff are also requesting investigation of those who provided Mr. Arocho assistance, mainly Mr. Velez who was alleged to have assisted him in preparing the application, and Mr. Fadenholz who apparently works for Luxury Heating Co. Inc., and who has and continues to employ Mr. Arocho, according to the current application. The City of Lorain Law Division has provided city records of Mr. Arocho's HR file on May 19, 2022 and are looking into this matter also.

Recommendation: Authorize an investigation.

Mr. Samuelson moved and Mr. Yankie seconded to accept the summary report and staff recommendations included in the Complaint Status Report and to authorize an investigation for verification of the claims of work experiences included in Mr. Arocho's application for certification.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

Orange Village Building Department, Robert McLaughlin, BO

On June 9, 2022, a complaint was received from Ricardo J. Cardenas, attorney for Mr. Gary Zillan against the Village of Orange Building and Robert McLaughlin, BO for 'overzealous' building code enforcement and for litigation related to Mr. Zillan's residential alterations located at 270 Capitol Hill Circle, Orange, Ohio. A letter was included by Mr. Cardenas with his complaint that was authored by Safebuilt Building Department Services as a representative third-party expert witness on behalf of the owner to determine their findings of the actions of the Orange Village building enforcement. After Board staff's review of department records provided by Mr. McLaughlin, which included an original complaint dated from February 2, 2021, filed to the City by a neighbor of the property in question, the photographs from the department show extensive demolition and alterations to the existing building affecting building services equipment, and fire suppression. The alterations trigger the requirements of the Residential Code of Ohio for approvals. On February 22, 2021, Mr. McLaughlin sent a letter indicating that Mr. Zillan had not complied in applying for approval and submitting documents for plan review. He requested at that time that Mr. Zillan contact the department to discuss the issues of the project and how to comply, which was not done. Since that time, the project has been in litigation with the city. Board staff verified that building code enforcement has been followed but lacked clarity in the communications as to exactly what is required by the building. The result was the absence of an adjudication order being issued to stop work and allow access to appeals at the local appeals board for residential. The communications cite ordinances which invoke the triggering of building code enforcement. To date, the owner still has not submitted an application for approval or sufficient construction documents that describe the scope of the project and how code compliance will be achieved. Board staff discussed these issues with Mr. McLaughlin who indicated that he will address how to better administer building department enforcement communication.

Recommendation: Dismiss complaint.

Mr. Samuelson moved and Mr. Stanbery seconded to accept the summary report and staff recommendations included in the Complaint Status Report and dismiss the complaint with no further action as no violation of the Board's rules has been identified.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

Oakwood Village Building Department, Dan Marinucci, BO

On June 14, 2022, a complaint was received from Brandon Santangelo indicating that he is required to secure 'temporary occupancy permits' to occupy his house while trying to comply with 'Point of Sale' requirements. Board staff reviewed the violations and found that all items were maintenance issues not requiring approvals for building code compliance from the building department, but rather related to property maintenance ordinances. Board staff discussed with Mr. Marinucci the inappropriate use of 'revoking' a CO to enforce maintenance when the building is safe to occupy even if the owner/tenant changes. Staff recommended that all local ordinance regulatory agencies issue their own orders not in conflict with the building codes under their own authority and enforce their own ordinances instead of usurping the use of CO through revocation or reissuance of a CO to comply with ordinances.

Recommendation: Dismiss complaint.

Mr. Samuelson moved and Mr. Johnson seconded to accept the summary report and staff recommendations included in the Complaint Status Report and dismiss the complaint with no further action as the building official, Dan Marinucci has indicated that Certificates of Occupancy will no longer be used as an instrument to enforce Point of Sale and Property Maintenance compliance.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

Summit County Building Department, Chris Randles, BO

On June 3, 2022, a complaint was received from Joel Helms of Canton Ohio alleging that an electrical inspection conducted by Summit County for re-energizing an existing 24 unit apartment building would cause non-compliance to the NEC. Mr. Helms disagreed with the interpretation of the inspection results. The inspector inspected the meter, main service disconnect and electrical panel where he discovered an objectionable current present between the main service disconnect and the electrical panel. The objectionable current would be a serious hazard because if energized, current would flow from the conductors to the metal parts of the panel and water lines. The current flow would be the same across the grounding electrodes and the neutral. It was unknown if or when an existing condition or an alteration was made prior to the Re-energizing request. The violation cited was for a sub panel wired in parallel path per NEC 250.6. Ground and neutral wires need to bond together but only allowed in the main panel, never in a subpanel, or elsewhere. This issue was appealed and litigated from the Summit County Board of Building Appeals on January 30, 2020 ruling denial of the requested variance to the Court of Appeals Ninth Judicial district and was dismissed due to appellant no longer having possession of the property due to transfer by sheriff sale. Staff determined that Summit County had no violations to the Boards certification rules of code enforcement.

Recommendation: Dismiss complaint.

Mr. Samuelson moved and Mr. Miller seconded to accept the summary report and staff recommendations included in the Complaint Status Report and dismiss the complaint with no further action as no violation of the Board's rules has been identified.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

RE-2 #22-01 Investigation Report – City of Girard

Mr. Robert Johnson summarized the conclusion and staff recommendations of Investigation Report #22-01 regarding the City of Girard included in the meeting packet at Tab RE-2:

Board staff, after having reviewed the information, determined that the City of Girard needs to address the issuance of Certificates of Plan approval as well as implement all other Chapter 1 Administration requirements that are known deficiencies in their current operations. Mr. Kearns as a contract entity does many of the activities, but it appears to be an independent, and perhaps isolated process from the City office itself. Board staff recommended that office staff contact Mr. Kearns for all determinations of project scoping to determine if a project is required to be submitted for code compliance or if it is exempt from an approval. The 'local building permit' is a City process that may be done so long as it is not conflict with the requirements of the building codes, and can continue to be done by the jurisdiction as a separate enforcement action if it is an instrument to allow a constructor to start work after having secured all types of required approvals needed in order to commence construction, such as zoning, engineering, fire review, etc. These other approvals generally are associated with the regulation of the site which the building will be situated, and or include contractor registration etc. as conditions to begin work. Whomever is designated locally can authorize this 'permit', may do so. However, it cannot be confused with, or take the place of, the certificate of plan approval which communicates building code compliance that is required to be issued by Mr. Kearns, building official.

Board staff recommends closure of the investigation with no further action for disciplinary action.

Additionally, staff recommends another visit to follow-up with the elected officials and building department staff to encourage further integration between the Contract building official, plumbing inspection and electrical safety inspection enforcement activity. The visit will be a designed workshop that addresses the deficiencies, and to work with them to implement forms, protocols, and processes to foster collaboration. The department, if it implements all required facets of building code compliance activities will enable them to better maintain its certification with the Board.

Mr. Samuelson moved and Mr. Miller seconded to accept the staff recommendations included in the Investigation Report #22-01 related to the Girard Building Department, and to direct staff to conduct a follow-up visit with the elected officials and building department staff to address deficiencies and implement changes to department processes consistent with Board's administrative rules.

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

PUBLIC COMMENTS

There were no public comments.

OLD BUSINESS

No items for consideration.

NEW BUSINESS

No items for consideration.

COMPENSATE 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	8	Mr. Miller	16
Ms. Cromwell	16	Mr. Pavlis	8

Mr. Denk	16	Mr. Samuelson	16
Mr. Galvin	23	Mr. Stanbery	16
Mr. Johnson	16	Mr. Tyler	16
Mr. Leach	8	Mr. Warner	16
Mr. McCafferty	8	Mr. Yankie	16

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

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.

FUTURE MEETINGS

August 26, 2022 November 18, 2022
September 23, 2022 December 16, 2022
October 21, 2022

ADJOURNMENT

Mr. Denk moved and Mr. Samuelson seconded to adjourn. The Board adjourned at 10:30 p.m.

Timothy Galvin, Chairman
Board of Building Standards

Regina Hanshaw, Executive Secretary
Board of Building Standards

File Attachments for Item:

CH-1 Certification Hearing



AUGUST 26, 2022
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 AM, August 26th, 2022 at the 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.

Cert ID:	Name	Certification Granted
8896	Baumgartner, Douglas	Fire Protection Inspector
5257	Bean, David	Residential Building Official
8908	Benton, Stephen	Residential Building Inspector
8923	Buehner, Raymond	Building Inspector Residential Building Inspector
8892	Chedid, Mohamed	NonResidential Industrial Unit Inspector
8909	Coblentz, Philip	Residential Building Inspector
6188	Depew, Richard	Building Inspector**
8914	Ficke, Ryan	Building Inspector
8895	Flynn, Scott	Residential Building Inspector
8882	Furry, Mark	Electrical Safety Inspector*
6086	Gorney, Steven	Electrical Plans Examiner Fire Protection Inspector Fire Protection Plans Examiner
8891	Hare, Bruce	Electrical Safety Inspector*
8901	Heard, Michael	Electrical Safety Inspector* Residential Building Official
8903	Hof, Jared	Building Inspector Residential Building Inspector
8907	Hoog, Trevor	Building Inspector Residential Building Official
6329	Howell, Michael	Plumbing Plans Examiner
5479	Hozey, Joshua	Residential Industrial Unit Inspector
8920	Huber, Shawn	Building Inspector Residential Building Inspector
8580	Johnson, Dusty	Building Inspector Trainee
8871	Jones, Andrew	Fire Protection Inspector
8897	Kilbane, James	Building Official



Department of Commerce

BOARD OF BUILDING STANDARDS

8919	Kost, Michael	Special Hazards System Designer
8684	Kudela, Jeremy	Residential Building Inspector
8911	Lee, Torrence	Building Inspector
8922	Locker, Whitney	Master Plans Examiner Trainee
8915	Losekamp, Kenneth	Building Inspector
8917	Majors, Steven	Building Inspector
908	Manos, Paul	Building Official
8886	Martin, Brian	Building Inspector Trainee – alternative trainee plan approved
8913	Maybrier, Kayla	Building Inspector Trainee
8888	McClary, Jerry	Electrical Safety Inspector*
5393	Mezera, Robert	Building Official
6218	Miller, Stephen	Electrical Safety Inspector Trainee
8771	Mills, Jeff	Building Inspector Trainee Electrical Safety Inspector Trainee
5821	Monaco, Jason	Building Official
4449	Mong, Christopher	Building Official
8885	Morrison, Eric	Building Inspector
8887	Mullen, Mark	Plumbing Inspector Plumbing Plans Examiner
4985	Parmelee, Christopher	Building Plans Examiner
8916	Paul, Blake	Plumbing Inspector
8881	Picha, Kenneth	Plumbing Inspector
8894	Pounders, Kenny	Building Inspector Mechanical Inspector
8918	Ransom II, Robert	Residential Building Inspector
8859	Roncone, Edoardo	Electrical Safety Inspector Trainee – alternative trainee plan approved
8906	Ross, David	Building Inspector Residential Building Inspector
8880	Sanders, Cecil	Electrical Safety Inspector*
8900	Scott, Jeremy	Electrical Safety Inspector* Building Inspector
8912	Sexton, Michael	Building Inspector Trainee
8905	Wakefield, Alex	Electrical Safety Inspector*
1613	Welsh, Stephen	Building Inspector Trainee
8538	Wilkerson, Michael	Residential Building Inspector
8904	Wilson, Aaron	Electrical Safety Inspector* Residential Building Inspector



8910	Winter, William	Building Inspector Residential Building Official
8514	Young, Patrick	Building Inspector Trainee – alternative trainee plan approved

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

** Denotes approval conditioned on receipt of fees or other conditions.

Building Department Certifications

Sunbury Commercial and Residential Building Departments

Approved as Subdepartments of Delaware County Commercial and Residential departments.

Exceptions: Plumbing by Delaware County Health District, Med Gas by State of Ohio DIC

File Attachments for Item:

CR-1 Code Committee Report



Board of Building Standards

CODE COMMITTEE RECOMMENDATIONS

The Code Committee met on August 25, 2022 with the following members present: Mr. Denk, Ms. Cromwell, Mr. Johnson, Mr. Miller, Mr. Pavlis, Mr. Samuelson, Mr. Stanbery, Mr. Tyler, and Mr. Yankie. Board Chairman, Tim Galvin, was also present.

The committee report is included in the August 26, 2022 Board Meeting Packet at tab CR-1 for the Board's consideration.

August 25, 2022 Code Committee Meeting

Call to Order

The meeting was called to order by Mr. Denk at 1:08 P.M.

Approval of Minutes

Mr. Stanbery made the motion to approve the minutes of the Code Committee meeting held on June 23, 2022. Mr. Johnson seconded the motion. The motion passed unanimously.

Petitions

Petition #22-02 from Larry Cormack, Jr. of the City of Columbus was re-introduced to the committee by staff. The original OPC petition proposed to prohibit all dead ends in plumbing systems. Staff researched the proposal, found 2021 UPC code language that included a definition of "Dead leg" and required a method of flushing for dead legs, and shared the UPC language with Mr. Cormack. Mr. Cormack was satisfied that the UPC language accomplished his goal and requested that his petition be modified to request adoption of the UPC definition and requirement for flushing. Mr. Tyler made the motion to deny the original petition because the language was too restrictive. Mr. Miller seconded the motion. The motion passed unanimously. Mr. Tyler further made the motion to deny the 2021 UPC language because the language is too vague and unenforceable, as it didn't require flushing. Mr. Miller seconded the motion. The motion passed unanimously.

Recommendations of the Residential Construction Advisory Committee

No items for consideration

Old Business

Definition of Registered Design Professional

Doug Boyer and Luther Liggett, representing the Ohio Chapter of the American Society of Landscape Architects (ASLA), proposed a change to the OBC definition of Registered Design Professional that includes the term "landscape architect" in addition to the Revised Code citation that addresses landscape architects. They explained that the language is necessary because building departments are rejecting plans sealed by a landscape architect. The committee preferred language drafted by BBS staff and Mr. Boyer and Liggett stated that the staff language accomplished their goal. Mr. Pavlis made a motion to include the staff draft definition of Registered Design Professional in the next OBC and to send a courtesy notice of the clarification to the Architects Registration Board and the code officials. Ms. Cromwell seconded the motion. The motion passed unanimously.

2020 NEC Proposed TIAs

Staff updated the committee on the status of the two proposed TIAs that could impact the rule language decided upon by the BBS for the adoption of the 2020 edition of NFPA 70: TIA 1653 which proposes to expand the GFCI exemption to all outdoor HVAC equipment and extend it through September of 2026; and

TIA 1656 which proposes to extend the GFCI exemption only for outdoor HVAC equipment employing power conversion equipment through September of 2026. The NFPA Standards Council was expected to make a decision on the proposed TIAs in early August. However, staff contacted the Standards Council staff and the decision has still not yet been posted. Staff will keep the committee informed.

Commercial Energy Code Review

No discussion occurred and no action was taken.

New Business

Zero Lot Line Townhouse Buildings

Bill Kaufholz presented the issue of zero lot-line residential townhome units and explained that there have been different understandings and interpretations from building officials and plans examiners across Ohio regarding which code should be followed. Additionally, Mr. Kaufholz explained that having to comply with the OBC for energy conservation and mechanical systems was adding cost to the projects because building officials were requiring a registered design professional to design the system.

Staff explained that this code scoping issue was addressed several years ago when the RCO and OBC definition of “dwelling” was changed to clarify that there could be a maximum of three connected dwelling units in a building to remain within the scope of the RCO.

Mr. Pavlis made a motion to table the issue and asked staff to draft modified OBC Section 310.5.5 language that could address the concerns of Mr Kaufholz. Mr. Miller seconded the motion. The motion passed with Mr. Johnson abstaining.

HB 430 Update

Staff explained that HB 430 contained two issues that impact the Board. The bill added a definition of “Mobile Computing Unit” and exempts those structures from the rules of the Board. Additionally, the bill expanded the use of temporary door locking devices (TDLDs) from schools to several other nonresidential occupancies. Staff had presented draft BBS memos to the committee in the previous week and asked if the committee had any questions or concerns about the memos. There were none. Staff also indicated that draft rules will be presented at a later date for the committee’s review and approval.

Special Inspections for Shoring

Ms. Cromwell brought up a concern that the City of Cincinnati building department is requiring a special inspection of horizontal elevated concrete shoring and asked whether the code requires that special inspection. Staff will contact the building official in Cincinnati and learn more about their requirement.

Ms. Cromwell also mentioned that she will be speaking to the Structural Engineers Association of Ohio about the BBS and careers in code enforcement.

Adjourn

Mr. Stanberry made the motion to adjourn at 4:10 P.M. Ms. Cromwell seconded the motion. The motion passed unanimously.

File Attachments for Item:

CR-2 Certification Committee Report



Board of Building Standards

CERTIFICATION COMMITTEE MEETING REPORT

The Certification Committee met in person on August 25th, 2022, at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. Leach, Mr. McCafferty, Ms. Cromwell, Mr. Stanbery, Mr. Samuelson, Mr. Tyler, and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the August 26th, 2022 Board Packet at Tab CR-2, for the Board’s consideration.

Also present at the meeting were guests BBS Staff, Regina Hanshaw, Megan Foley, Amy Jones, and Rob Johnson. Guests Sam Cronk, and Jerry McClary attended the meeting in person, and guests Brad Winter and Charles Huber attended the meeting virtually.

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

Cert ID:	Name	Certification Granted
8896	Baumgartner, Douglas	Fire Protection Inspector
5257	Bean, David	Residential Building Official
8908	Benton, Stephen	Residential Building Inspector
8923	Buehner, Raymond	Building Inspector Residential Building Inspector
8892	Chedid, Mohamed	NonResidential Industrial Unit Inspector
8909	Coblentz, Philip	Residential Building Inspector
6188	Depew, Richard	Building Inspector**
8914	Ficke, Ryan	Building Inspector
8895	Flynn, Scott	Residential Building Inspector
8882	Furry, Mark	Electrical Safety Inspector*
6086	Gorney, Steven	Electrical Plans Examiner Fire Protection Inspector Fire Protection Plans Examiner
8891	Hare, Bruce	Electrical Safety Inspector*
8901	Heard, Michael	Electrical Safety Inspector* Residential Building Official
8903	Hof, Jared	Building Inspector Residential Building Inspector
8907	Hoog, Trevor	Building Inspector Residential Building Official
6329	Howell, Michael	Plumbing Plans Examiner
5479	Hozey, Joshua	Residential Industrial Unit Inspector

Timothy Galvin, Chairman

Ohio Board of Building Standards
6606 Tussing Road
Reynoldsburg, OH 43068-9009

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Fax 614 -644-3147
TTY/TDD 800-750-0750
com.ohio.gov/dico/bbs

8920	Huber, Shawn	Building Inspector Residential Building Inspector
8580	Johnson, Dusty	Building Inspector Trainee
8871	Jones, Andrew	Fire Protection Inspector
8897	Kilbane, James	Building Official
8919	Kost, Michael	Special Hazards System Designer
8684	Kudela, Jeremy	Residential Building Inspector
8911	Lee, Torrence	Building Inspector
8922	Locker, Whitney	Master Plans Examiner Trainee
8915	Losekamp, Kenneth	Building Inspector
8917	Majors, Steven	Building Inspector
908	Manos, Paul	Building Official
8886	Martin, Brian	Building Inspector Trainee – alternative trainee plan approved
8913	Maybrier, Kayla	Building Inspector Trainee
8888	McClary, Jerry	Electrical Safety Inspector*
5393	Mezera, Robert	Building Official
6218	Miller, Stephen	Electrical Safety Inspector Trainee
8771	Mills, Jeff	Building Inspector Trainee Electrical Safety Inspector Trainee
5821	Monaco, Jason	Building Official
4449	Mong, Christopher	Building Official
8885	Morrison, Eric	Building Inspector
8887	Mullen, Mark	Plumbing Inspector Plumbing Plans Examiner
4985	Parmelee, Christopher	Building Plans Examiner
8916	Paul, Blake	Plumbing Inspector
8881	Picha, Kenneth	Plumbing Inspector
8894	Pounders, Kenny	Building Inspector Mechanical Inspector
8918	Ransom II, Robert	Residential Building Inspector
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8900	Scott, Jeremy	Electrical Safety Inspector* Building Inspector
8912	Sexton, Michael	Building Inspector Trainee
8905	Wakefield, Alex	Electrical Safety Inspector*
1613	Welsh, Stephen	Building Inspector Trainee
8538	Wilkerson, Michael	Residential Building Inspector

Timothy Galvin, Chairman

Ohio Board of Building Standards
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8904	Wilson, Aaron	Electrical Safety Inspector* Residential Building Inspector
8910	Winter, William	Building Inspector Residential Building Official
8514	Young, Patrick	Building Inspector Trainee – alternative trainee plan approved

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

** Denotes approval conditioned on receipt of forms or fees or other conditions.

Building Department Certifications, Manufactured Homes Inspection Agency/Inspectors

Sunbury Commercial and Residential Building Departments

Approved as Subdepartments of Delaware County Commercial and Residential departments.

Exceptions: Plumbing by Delaware County Health District, Med Gas by State of Ohio DIC

Personnel Certification Applications

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

Plaza-Serrano, Saul - BO

Cert ID: 1177

Current Certifications: BI, RBO

Committee Recommendation: Table to September meeting, applicant invited to attend to discuss circumstances.

Seikel, Tim BI

Certification ID# 8893

Current certifications- none

Committee recommendation: Table to September meeting, applicant invited to attend to discuss experience

Sester, Christopher PI, PPE

Certification ID# 8890

Committee Recommendation: Request additional information on experience

Sigler, Barry RBI

Certification ID# 8898

Current certifications- none

Committee recommendations: Request additional information on experience

Timothy Galvin, Chairman

Ohio Board of Building Standards
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Walker, Charles - BO
Certification ID# 5417
Current certifications- RBO
Committee recommendation: Deny

Young, Trenden - ESI
Cert ID: 8879
Current Certifications: None
ESIAC Recommendations: Not recommended for approval.
Committee Recommendation: Deny

Depew, Richard - BI
Cert ID: 6188
Current Certifications: ESI, RBI
Committee Recommendation: Approve pending receipt of hard copy and check.

May, Terrence RBI
Certification ID# 8921
Current certifications- none
Committee recommendation: Table to September meeting, applicant invited to attend to discuss experience

Maybrier, Kayla BI Trainee - Cincinnati program
Certification ID# 8913
Current certifications- None
Committee Recommendation: BI Trainee application approved.

Old Business

None this month.

New Business

DIC Plumbing Certification lookback
At what point in time is an expired DIC credential no longer eligible for BBS certification purposes?
Committee Recommendation: Recognition of DIC certification for Plumbing Inspectors/Plumbing Plans Examiners indefinite, but will be determined on case by case basis.

Recognition of Architectural design work as qualifying experience for Electrical Safety Inspector.
Committee Recommendation: May be recognized on a case by case basis as demonstrated by documented design professional experience in the area of electrical systems.

Timothy Galvin, Chairman

Ohio Board of Building Standards
6606 Tussing Road
Reynoldsburg, OH 43068-9009

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TTY/TDD 800-750-0750
com.ohio.gov/dico/bbs

File Attachments for Item:

CR-3 Education Committee Report



Board of Building Standards

EDUCATION COMMITTEE MEETING REPORT

The Education Committee met in person on August 25th, 2022, at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. McCafferty, Ms. Cromwell, Mr. Samuelson, Mr. Tyler and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the August 26th, 2022 Board Packet at Tab CR-3, for the Board's consideration.

Also present at the meeting were BBS Staff, Regina Hanshaw, Rob Johnson, and Megan Foley. Guest Charles Huber attended virtually.

Course applications approved without alteration:

2022 Public Comment Hearing ADMIN (ICC Conference)
All certifications (7 hours)

2022 Public Comment Hearing IEBC (ICC Conference)
All certifications (3 hours)

2022 Public Comment Hearing IEBC-S/IBC-S (ICC Conference)
All certifications (11 hours)

2022 Public Comment Hearing IRC-B (ICC Conference)
All certifications (18 hours)

Decoded: Accessibility Requirements for Door Openings (Allegion/OBOA Conference)
All certifications except ESI and RIUI (1 hour)

Decoded: Fire/Life Safety Code Requirements for Door Openings (Allegion/OBOA Conference)
All certifications except ESI and RIUI (1 hour)

Electrified Hardware (Allegion/OBOA Conference)
All certifications except ESI and RIUI (1 hour)

Design Solutions: Smoke Protection at the Elevator Hoistway (Smoke Guard)
All commercial certifications except plumbing and ESI (1 hour)

Exceptional Customer Service (ICC Conference)
All certifications (1.5 hours)

Firestopping: Responsibilities for Code Officials and Design Professionals (Fire Containment Training Services/Conference)
All certifications except ESI (4 hours)

Future of Trades (ICC Conference)
All certifications (1.5 hours)

Heights and Areas and Wood-Framing Details in the OBC (Hoover Treated Wood Products)
BO, MPE, BPE, PPE, BI, NRIUI, RBO, RPE, RBI, RIUI (2 hours)

Inspection Challenges of Firestopping (Fire Containment Training Services/Conference)
All certifications except ESI (4 hours)

Introduction to Backflow (ICC Conference)
All certifications except FPI and RIUI (1.5 hours)

Leadership in the Modern Era (ICC Conference)
All certifications (1.5 hours)

Offsite Construction (ICC Conference)
All certifications (3 hours)

Opening Protectives: New Perspectives in Fire and Smoke (Smoke Guard)
All commercial certifications except plumbing and ESI (1 hour)

Passive Smoke-and-Fire Protection in Hospitals (Smoke Guard)
All commercial certifications except plumbing and ESI (1 hour)

Passive Smoke-and-Fire Protection in Residential Occupancies (Smoke Guard)
All commercial certifications except plumbing and ESI (1 hour)

Passive Smoke-and-Fire Protection in Senior Living Facilities (Smoke Guard)
All commercial certifications except plumbing and ESI (1 hour)

Preparing the Fire Service for Responses to Energy Storage Systems (ICC Conference)
All certifications (1.5 hours)

Safety and Violence Mitigation Strategies (ICC Conference)
All certifications (1.5 hours)

The Seven Cs of Communicating in a Digital Environment (ICC Conference)
All certifications (1.5 hours)

2017 NEC Commercial (Grounding and Bonding) (Associated Consulting Solutions) OBOA
conference course
All certifications (3 hours)

Background and Overview: New Mass Timber (1-hour version) (American Wood Council)
All certifications (1 hour)

Electrical Safety (NFPA 70E 2021) (Jade Learning)
ESI (6 hours)

Course Applications Approvals with Modification, Denials, and Conditions as Noted.

2021 IBC Changes (ICC Changes)
BO, BI, ESI, FPI, RBO, RPE, RBI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IEBC Essentials (ICC Conference)
BO, BI, ESI, FPI, RBO, RPE, RBI (3 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IECC Changes (ICC Conference)
BO, BI, ESI, RPE, RBI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IFC Changes (ICC Conference)
BO, BI, ESI, FPI, RPE, RBI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IMC/IFGC Combustion Air and Venting (ICC Conference)
BO, MPE, PPE, MechPE, BI, ESI MI, PI, RMI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IPC Changes (ICC Conference)
BO, PPE, BI, ESI, PI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IPC Critical Provisions (ICC Conference)
BO, PPE, BI, ESI, PI (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2021 IRC Changes (ICC Conference)
All certifications (1.5 hours)
Committee Recommendation: Not recommended for approval at this time

2023 NEC Analysis of Changes (ICC Conference)
BO, EPE, ESI, BI, FPI, RBO, RPE, RBI (3 hours)
Committee Recommendation: Not recommended for approval at this time

Pressure-Regulating Devices in Commercial Fire Protection (Victaulic)
BPE, PPE, MechPE, FPPE, BI, FPI, MI, PI, RPE, RBI, RMI (2 hours)
Committee Recommendation: Recommend approval, include BO, MPE, RBO

2020 NEC Calculations Webinar Part 1 (Matthews Electrical Services)
BO, MPE, EPE, MechPE, ESI, BI, MI, RBO, RPE, RBI, RMI, RIUI (4 hours)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI

2020 NEC Calculations Webinar Part 2 (Matthews Electrical Services)
BO, MPE, EPE, MechPE, BI, MI, RBO, RPE, RBI, RMI, RIUI (4 hours)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI

2020 NEC Hazardous Locations Webinar (Matthews Electrical Services)
BO, MPE, EPE, MechPE, ESI, BI, MI, RBO, RPE, RBI, RMI, RIUI (4 hours)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI

2020 NEC Overview Webinar (Matthews Electrical Services)
BO, MPE, EPE, MechPE, ESI, BI, MI, RBO, RPE, RBI, RMI, RIUI (4 hours)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI

2020 NEC Review (International Association of Electrical Inspectors)
All certifications except plumbing and IU (30 hours in four 7.5-hour sessions)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI, RIUI

Electrical Safety Webinar Based on 2020 NEC and NFPA 70E (Matthews Electrical Services)
BO, MPE, EPE, MechPE, ESI, BI, MI, RBO, RPE, RBI, RMI, RIUI (4 hours)
ESIAC Recommendation: Recommend approval
Committee Recommendation: Recommend approval, include NRIUI

Product Background, Standards, I-Codes, Performance, and Sustainability (Vinyl Siding Institute/OBOA Conference)

BO, MPE, BPE, BI, FPI, NRIUI, RBO, RPE, RBI, RIUI (two sessions of 1 hour each)

Committee Recommendation: Not recommended for approval at this time. Course provider may resubmit updated course referencing current Ohio Building Code or 2015 IBC, current Residential Code of Ohio or 2018 IRC.

Utilization of Drones to Conduct Building Inspections (Sinclair Community College/OBOA Conference)

All certifications (2 hours)

Committee Recommendation: Recommend approval on the condition that a certified Ohio Building Official or a jurisdiction's counsel co-present to ensure appropriate consideration of legal issues including privacy and property rights.

Old Business

Changes to BBS Education Classification system

Committee Recommendation: Table to September meeting.

New Business

Education credit for recruitment/outreach activities:

Committee Recommendation: Interested in exploring this idea further, table to September meeting, Board Staff to invite certified personnel currently involved in outreach activities to discuss further.

File Attachments for Item:

AB-1 CSA Group Testing & Certification, Inc (Cleveland) - Evaluation Service, Listing Agency, Calibration Laboratory, CSA Group Testing & Certification, Inc (Ontario) - Evaluation Service, Inspection Body

UPDATE STATUS OF CONFORMITY ASSESSMENT BODIES

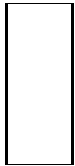
RECOGNITION RECOMMENDED
HOLD - PENDING REVIEW



Log number	July 1, 2020 Tri Annual Renewal Completion Date	July 1, 2017 Tri Annual Renewal completion Date	Company/Location	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
114	N/A	N/A	CSA Group Testing and Certification, Inc. 8501/8801 East Pleasant Valley Road Cleveland, Ohio 44143	Paul Coghill Manager, Accreditation 8501 East Pleasant Valley Rd Independence, OH 44131-5516, USA T: +1. 216.524.4990 x 88262 C: +1. 216.440.6657 paul.coghill@csagroup.org	6/29/2022	IAS/ANSI (ANAB)	Y	Y	8/26/2022	8/26/2022		x	x					x	

Ohio Board of Building Standards
Update status of Conformity Assessment Bodies

92	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. -178 Rexdale [Toronto], Ontario, Canada M9W1R3	Paul Coghill Manager, Accreditation 8501 East Pleasant Valley Rd Independence, OH 44131-5516, USA T: +1. 216.524.4990 x 88262 C: +1. 216.440.6657 paul.coghill@csagroup.org	1/9/19	AAP/ IAS/ SCC	Y	Y	1/25/2019 / UPDATED 8/26/22		X	X	X	X			
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File Attachments for Item:

OB-1 Petition 20-13 (Permit Tech Certification)

APPLICATION

FOR
RULE CHANGE



BOARD OF BUILDING STANDARDS

6606 Tussing Road, P.O. Box 4009
Reynoldsburg, Ohio 43068-9009
(614) 644-2613
bbs@ohio.gov

www.com.state.oh.us/dico/bbs/default.aspx

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

For BBS use:	
Petition #:	<u>20-13</u>
Date Recv'd:	<u>Sept. 24, 2020</u>

Submitter: James E. Decker, Jr. Legislation Committee Chair Ohio Building Officials Assoc.
(Contact Name) (Organization/Company)

Address: PO Box 1506
(Include Room Number, Suite, etc.)
Columbus Ohio 43216
(City) (State) (Zip)

Telephone Number: 440-974-5785 **Fax Number:** _____

Date: September 22, 2020 **E-mail Address:** decker@cityofmentor.com

Code Section: OBC 104.2.3.5 (4101:1-1), RCO 104.2.3.4.4 (4101:8-1), OAC 4101:7-2-1, OAC 4101:7-3-1

General Explanation of Proposed Change (attach additional sheets if necessary):

The proposed code change to OBC (4101:1-1), RCO (4101:8-1) and OAC 4101:7-2 and 4101:7-3 would allow for the certification of permit technicians in the State of Ohio.

Explanation of Cost Impact of Proposed Code Change*: None

*Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.

Information on Submittal (attach additional sheets if necessary):	
1. Sponsor:	<p style="text-align: center;">Ohio Building Officials Association</p> <p style="text-align: center;"><small>Organization sponsoring or requesting the rule change (if any)</small></p>
2. Rule Title:	<p style="text-align: center;">Permit Technician Certification</p> <p style="text-align: center;"><small>Title of rule change</small></p>
3. Purpose/ Objective:	<p>Permit technicians play a vital and valuable role in the operations of building departments throughout Ohio. The time is now for them to receive recognition for their duties. This rule change would allow for this opportunity. Ohio permit technicians have organized and have formed a chapter under the umbrella of the Ohio Building Officials Association, the Ohio Chapter of Permit Technicians.</p> <p style="text-align: center;"><small>Technical justification for the proposed rule change</small></p>
4. Formatted Rule Language (Using Strike-out for Deleted Text and Underline for Added Text)	<p>See attached documents titled: 4101\$7-2-01-Rule-permit tech 9-3-2020 4101\$7-3-01-Rule-permit tech 9-22-2020 Chapter 1 Permit Tech Revision 9-3-2020</p> <p style="text-align: center;"><small>Use strike-out for deleted text and underline for added text</small></p>
5. Notes:	<ol style="list-style-type: none"> 1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

RESIDENTIAL Chapter 1

4101:8-1

104.2.3.5 Permit Technician. All at the direction of the residential building official, residential building departments may elect to employ permit technicians designated as responsible for receiving applications for plan approval, prepare invoices for plan review, routing applications and construction documents, communications with applicants and keeping official records. They shall also process certificates of plan approval, notices, orders, certificates of occupancy, certificates of completion, and other such records required by the rules of the Board of Building Standards. They shall also be responsible for generating departmental reports and processing requested information for review by the residential building official. All permit technicians shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.

NON-RESIDENTIAL Chapter 1

4101:1-1

104.2.3.4.4 Permit Technician. All at the direction of the building official, building departments may elect to employ permit technicians designated as responsible for receiving applications for plan approval, prepare invoices for plan review, routing applications and construction documents, communications with applicants and keeping official records. They shall also process certificates of plan approval, notices, orders, certificates of occupancy, certificates of completion, and other such records required by the rules of the Board of Building Standards. They shall also be responsible for generating departmental reports and processing requested information for review by the residential building official. All permit technicians shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.

4101:7-2-01 Building department certification.

Municipalities, townships, and counties may seek certification by the board of building standards as described in division (E) of section 3781.10 of the Revised Code to exercise enforcement authority, to accept and approve construction documents, and to make inspections.

(A) Certification types. A political subdivision may seek to enforce the rules of the board by requesting either a certification as a building department or a sub-building department as required in paragraph (A)(1) or (A)(2) of this rule. References in this rule to “department” or “building department”, unless specified, shall mean “certified building department” or “certified sub-building department.”

(1) Certification as a building department. Municipalities, townships, and counties shall enforce the rules of the board in conformity with the law and as described in paragraphs (A)(1)(a) and (A)(1)(b) of this rule.

(a) Municipalities. Municipalities, in submitting the application described in paragraph (C) of this rule, must specify whether the department is to be certified to enforce the rules of the board for plumbing and will employ a plumbing inspector, certified as required in rule 4101:7-3-01 of the Administrative Code. If a department is not to be certified for plumbing, the enforcement shall be done by the local board of health or the division of industrial compliance plumbing section in the department of commerce.

Municipalities, in submitting the application described in paragraph (C) of this rule, must also specify whether the department is to be certified to enforce medical gas piping system provisions and will employ a medical gas piping inspector, certified as required in paragraph (E)(12) of rule 4101:7-3-01 of the Administrative Code. If the department is not to be certified to enforce medical gas piping system provisions, then the enforcement shall be done by the local board of health or the division of industrial compliance in the department of commerce.

Municipalities may, at any time, make application to the board of building standards to be approved to have the building department certification modified or to include, or exclude, plumbing and medical gas piping system enforcement duties in accordance with paragraph (H) of this rule.

(b) Counties and townships. Counties and townships, in submitting the application described in paragraph (C) of this rule for certification of a building department, are not certified to enforce plumbing provisions or employ plumbing inspectors required in paragraph (B)(2) of this rule. As permitted in section 3703.01 of the Revised Code, county building departments may enforce plumbing provisions if the county board of health has entered into an agreement with the board of county commissioners to provide plumbing code enforcement and employs a plumbing inspector, certified as required in division (D) of section 3703.01 of the Revised Code. The county shall specify on its application whether the

county department will enforce the rules of the board for plumbing and will employ a properly certified plumbing inspector. If, after certification, a county building department assumes plumbing code enforcement as required in section 3703.01 of the Revised Code, it shall notify the board.

Counties and townships, in submitting the application described in paragraph (C) of this rule, must also specify whether the jurisdiction desires the department to be certified to enforce medical gas piping system provisions and will employ a medical gas piping inspector, certified as required in paragraph (E)(12) of rule 4101:7-3-01 of the Administrative Code. If the county or township chooses not have its department certified to enforce medical gas piping system provisions, then the enforcement shall be done by the local board of health or the division of industrial compliance in the department of commerce.

Counties and townships may, at any time, make application to the board of building standards to be approved to have the building department certification modified or to include, or exclude, medical gas piping system enforcement duties in accordance with paragraph (H) of this rule.

- (2) Certification as a sub-building department. Municipalities, townships, and counties may be certified by the board of building standards to enforce the rules of the board as a sub-building department in conformity with the law and as described in paragraphs (A)(2)(a) and (A)(2)(b) of this rule. A sub-building department has enforcement exercised on their behalf by another certified political subdivision that will perform all enforcement, reporting, and administrative duties.

- (a) Municipalities. Municipalities, in submitting the application described in paragraph (C) of this rule, must specify whether the department is to be certified as a sub-building department and shall indicate which certified building department of another political subdivision will enforce the rules of the board in the municipality. The application must also specify how the public in a municipality with a building department certified sub-building department will be provided information on how construction documents will be accepted, reviewed, and approved, and how inspections will be requested and made.

Municipalities may, at any time, make application to the board of building standards to be approved to have the building department certification modified to change its certification from a sub-building department to a certified building department, or vice versa, in accordance with paragraph (H)(1) of this rule.

- (b) Counties and townships. Counties and townships, in submitting the application described in paragraph (C) of this rule, must specify whether the department is to be certified as a sub-building department and shall indicate which certified building department of another political subdivision will enforce the rules of the board in the county or township. The county or township must also specify how the public in the county or township with a building department certified as a sub-building department will be provided information on how construction

documents will be accepted and approved, and how inspections will be requested and made.

Counties and townships may, at any time, make application to the board of building standards to be approved to have the building department certification modified to change its certification from a sub-building department and to a certified building department, or vice versa, in accordance with paragraph (H)(1) of this rule.

(B) Building department certification requirements. To qualify for residential or non-residential building department certification, a municipal, township, or county shall comply with the following:

(1) Conformity with law. The residential or non-residential building department shall submit an application and shall have been created in conformity with the law, shall have adopted ordinances or resolutions, and shall have entered into any agreements or contracts necessary to comply with the rules of the board and paragraph (C) of this rule;

(2) Required personnel. All personnel of municipal, township, or county residential or non-residential building departments, and persons and employees of persons, firms, or corporations whose responsibilities include the exercise of enforcement authority shall be certified by the board of building standards pursuant to rule 4101:7-3-01 of the Administrative Code prior to performing such duties. A certified residential or non-residential building department or sub-building department shall have the respective personnel qualified to execute the duties required for the exercise of enforcement authority, the review and approval of construction documents, and the performance of inspections under the rules of the board:

(a) Non-residential building department personnel.

(i) Building official.

(ii) Master plans examiner.

(iii) Building inspector.

(iv) Plumbing inspector. If the department is certified to enforce plumbing provisions, then the department shall have in its employ or under contract at least one person holding the plumbing inspector certification as required in paragraph (E)(16) of rule 4101:7-3-01 of the Administrative Code.

(v) Medical gas piping inspector. If the department is certified to enforce medical gas provisions, then the department shall have in its employ or under contract at least one person holding the medical gas inspector certification as required in paragraph (E)(20) of rule 4101:7-3-01 of the Administrative Code.

(vi) Electrical safety inspector.

(vii) Backup personnel. The department shall have in its employ or under contract alternate personnel meeting the requirements of rule 4101:7-3-01 of the Administrative Code, to serve in the event of a conflict of interest or the unavailability of the building official, master plans examiner, elective plans examiners, or inspectors. All backup personnel shall be clearly identified and disclosed on the yearly operational report. For those backup personnel under contract, copies of the respective contracts shall also be submitted.

(b) Residential building department personnel.

(i) Residential building official.

(ii) Residential plans examiner.

(iii) Residential building inspector.

(iv) Plumbing inspector. If the residential department is certified to enforce plumbing provisions, then the residential department shall have in its employ or under contract at least one person holding the plumbing inspector certification as required in paragraph (E)(16) of rule 4101:7-3-01 of the Administrative Code.

(v) Electrical safety inspector.

(vi) Backup personnel. The residential department shall have in its employ or under contract, alternate personnel meeting the requirements of this rule, to serve in the event of a conflict of interest or the unavailability of the residential building official, residential plans examiner or residential inspectors.

(3) Elective personnel. The department may elect to have the following personnel certified by the board of building standards pursuant to rule 4101:7-3-01 of the Administrative Code prior to performing such duties:

(a) Non-residential building department elective personnel.

(i) Building plans examiner.

(ii) Mechanical plans examiner.

(iii) Electrical plans examiner.

(iv) Plumbing plans examiner.

(v) Fire protection plans examiner.

(vi) Fire protection inspector.

(vii) Mechanical inspector.

[\(viii\) Permit technician.](#)

- (b) Residential building department elective personnel.
 - (i) Electrical plans examiner.
 - (ii) Residential mechanical inspector.
 - (iii) Plumbing plans examiner.
 - (iv) Permit technician.
- (4) Replacement personnel. When required personnel, both primary and backup, leave the employ of the residential or non-residential building department, permanent replacement personnel shall be designated in accordance with the rules of the board within one-hundred-twenty days.
- (5) Contract employees. A municipal corporation, township, or county may contract with a certified residential or non-residential building department, health district, or with persons, firms, or corporations under contract to furnish services, and meeting the requirements of rule 4101:7-3-01 of the Administrative Code, to exercise the respective residential or non-residential building code enforcement authority, administer the board's rules, approve plans and specifications and perform inspections on behalf of such municipal corporation, township, or county, providing such authority is exercised pursuant to such contract and upon application to and approval by the board of building standards. All contract employees shall be clearly identified and disclosed on the yearly operational report and copies of the respective contracts shall also be submitted;
- (6) Building department office. The certified residential or non-residential building department shall have an office conveniently located within the area it serves. The office shall be open and staffed to serve the public need and office hours shall be conspicuously posted. If the department contracts for its enforcement services, or is certified as a sub-building department, information shall be provided to the public explaining how building department services shall be provided;
- (7) Availability of inspectors. The residential or non-residential building department shall be staffed so that all inspectors are available, during normal business hours, for requested inspections as required in section 108.1 of rules 4101:8-1-01 and 4101:1-1-01 of the Administrative Code, respectively. The department may offer inspections at other times at the request of the owner or owner's representative; and
- (8) Building department certificate to be posted. The certificate issued by the board of building standards to a municipal, township, or county building department shall be posted in a conspicuous place within the jurisdiction.
- (C) Building department certification application. Application for certification of a municipal, township, or county residential or non-residential building department, or application for modification of an existing certification, shall be made on a form prescribed by the board of building standards and shall set forth:

- (1) A copy of the law creating such a department.
- (2) A copy of a resolution requesting certification of the building department to enforce the rules of the board.
- (3) The proposed budget for the operation of such department.
- (4) A chart showing the organization of the building department within the governmental body.
- (5) Data reflecting the population and the size of the area to be served.
- (6) The number of and board certifications held by staff to be employed by the building department.
- (7) The names, addresses, and board certifications of persons, firms or corporations contracting to furnish work or services when such persons, firms, or corporations are under contract to furnish architectural, engineering, or inspection services to the municipal corporation, township, or county, and such authority is exercised pursuant to such contract.
- (8) The names of other municipal corporations, townships, counties, or health districts contracting to furnish work or services when such other municipal corporation, township, county, or health district is under contract to furnish architectural or engineering services to the municipal corporation, township, or county, and such authority is exercised pursuant to such contract and when officers or employees of any other municipal corporation, township, county, or health district under contract to furnish inspection services to the municipal corporation, township, or county, when such authority is exercised pursuant to such contract.
- (9) A copy of the ordinance or resolution authorizing a residential or non-residential building department to enter into a contract with other municipalities, townships, counties, health districts, persons, firms or corporations to do their plan approval and inspections.
- (10) A copy of the contract between the residential or non-residential building department and other municipalities, townships, counties, health districts, persons, firms, or corporations to do their plan approval or inspections.
- (11) The department within the municipality, township, or county which will be responsible for plumbing inspection, if not within the building department.
- (12) The applicant may attach any other charts, maps, statistical data or other information which it determines may be beneficial to the board in considering the applications for certification.
- (13) A procedure for plan approval and for performing inspections, a copy of the plan review application, and a copy of the department's approval stamp.
- (14) Signature of an authorized representative of the board of township trustees in

townships, the board of county commissioners in counties, or the appropriate officials in municipalities.

The original of the documents, papers and charts required in paragraphs (C)(1) to (C)(14) of this rule shall be filed with the board at least two weeks prior to a certification hearing.

The board may allow amendments to applications prior to formal action. Requests for amendments to applications shall be made in writing and conform to all the other provisions of this rule.

(D) Building department certification, certification hearing. Upon receipt of an application, the board of building standard's certification committee shall review the application and make a recommendation to the board of building standards. The committee may ask for additional information to be submitted by the applicant prior to making a recommendation to the board. If the committee requests additional information from the applicant, failure to submit the requested information within ninety days from the date of the request may be cause for disapproval of the application by the board. After receiving a recommendation from the committee, a certification hearing on the application shall be conducted by the board of building standards. An authorized representative of the municipality, township, or county seeking certification present at the certification hearing may give testimony or respond to any questions from the board. The board shall give all interested persons appearing at such certification hearing an opportunity to be heard and explain their positions. A record of the proceeding shall be made by the board.

(1) Building department certification, approval or denial. Following the certification hearing, the board shall act on the application for certification.

Approval by the board of building standards of an application for certification shall set forth the group classifications and subject matters for which the municipal, township, or county building department under consideration is to be certified. After such approval, the appropriate official in municipalities, the board of township trustees in townships, or the board of county commissioners in counties requesting certification, shall be furnished a certificate of approval which shall state the conditions and limitations, if any, under which it has been issued.

If the application is denied in whole, or in part, by the board of building standards, the appropriate official in municipalities, the board of township trustees in townships, or the board of county commissioners in counties requesting certification shall be notified in writing of such denial and the reason therefore and to their rights of appeal pursuant to sections 3781.10 and 3781.101 and Chapter 119. of the Revised Code.

(E) Building department certification, board to maintain list. The board of building standards shall maintain a current list of all certified nonresidential and residential building departments, their contact information and, if applicable, their contractual relationships with other persons, departments, firms, or corporations that enforce the rules of the board on behalf of the certified building department.

The list of certified building departments shall be made available upon request and shall be posted on the board's website at <http://www.com.ohio.gov/dico/BBS.aspx>.

(F) Building department certification, reports, and assessment. Certified building departments shall submit the following reports and information to the board of building standards:

- (1) Yearly operational report. A yearly operational report for the previous year, within ninety calendar days after the end of each calendar year;
- (2) Changes in personnel. Written notification of changes in personnel of the residential or non-residential building department who enforce the rules of the board, within thirty calendar days after such personnel have been appointed;
- (3) Board requests or queries. Replies to any special requests or queries made by the board of building standards, within thirty calendar days of receipt;
- (4) Revised contracts or agreements. Copies of revised contracts or agreements, within thirty calendar days after the residential or non-residential department creates or changes a contractual relationship with another department or firm.
- (5) Board assessment. Each political subdivision that prescribes fees pursuant to division (E) of section 3781.102 of the Revised Code shall also collect on behalf of the board of building standards an assessment equal to three per cent of those fees imposed for non-residential or one per cent of those fees imposed for residential approvals, the acceptance and approval of plans and specifications, and for performing inspections.

Assessment report. The political subdivision shall report on the prescribed form and remit monthly by check or other acceptable method of payment, the amount of the assessments collected on behalf of the board not later than sixty days following the end of each month in which the assessments are collected. In the case of building departments that are certified as sub-departments, pursuant to paragraph (A)(2) of this rule, the building department exercising enforcement authority shall report and remit to the board for all certified sub-building departments. Remittance in the form of checks shall be made payable to the "Treasurer, State of Ohio."

(G) Building department certification, revocation or suspension. In accordance with division (E) of section 3781.10 of the Revised Code, a department certification may be revoked or suspended and, for a non-residential department with respect to any and all of the group classifications for which it is certified, upon receipt by the board of building standards of a written complaint from any person affected by the exercise of the authority granted under such certification, or by the board on its own motion.

- (1) Complaint process. Upon receipt of a written complaint against a certified building department that is substantiated by demonstrable evidence or upon the board's own motion:
 - (a) The board shall decide whether the information submitted warrants causing a formal investigation to be initiated or sending a notice of opportunity for hearing

as outlined in paragraph (G)(1)(d) of this rule;

- (b) If a formal investigation is warranted, the certified jurisdiction shall be notified that an investigation has been initiated by the board;
 - (c) Upon completion of the investigation, findings shall be reported to the board.
 - (d) The board may dismiss the complaint, table the matter for future action, or initiate action to suspend or revoke the certification. If the board issues an order to suspend or revoke the certification it shall:
 - (i) Notify the certified jurisdiction of the charges by certified mail, return receipt requested. The certified jurisdiction shall be informed that a hearing, if desired, must be requested within thirty days from the date of the mailing to request a hearing before the board. The order shall inform the certified jurisdiction that it may be represented by counsel at the hearing. Failure by the certified jurisdiction to request a hearing within thirty days from the date of the mailing of the notification may cause the board, after a hearing, to uphold the order revoking or suspending certification;
 - (ii) Schedule a hearing to be held seven to fifteen days after receipt of the request. The board may continue or postpone the hearing upon application by the party or upon its own motion;
 - (iii) The board may appoint a hearing officer to conduct a hearing.
 - (iv) A hearing will be conducted during which parties and witnesses can be examined and offer testimony, in a manner that prevents unnecessary delay, and that ensures the development of a clear and adequate record. The hearing shall be conducted pursuant to the provisions of sections 3781.10, 3781.101, and 119.09 of the Revised Code;
 - (v) If a hearing officer has been appointed, then within thirty days after the hearing, the hearing officer shall submit a written report of the findings of fact and recommendations to the board for its consideration.
 - (e) Following the hearing, the party affected shall be sent a certified copy of the board's action and informed by certified mail, return receipt requested, that the jurisdiction may appeal the order within fifteen days to the court of common pleas in Franklin county pursuant to sections 3781.10, 3781.101, and 119.12 of the Revised Code.
- (2) Building department certification, hearings and appeals. Hearings shall be held by the board of building standards and appeals shall be permitted on any proceedings for certification as provided in section 119.07 of the Revised Code and in paragraphs (G)(1)(a) to (G)(1)(e) of this rule.
- (3) Revocation or suspension. In the event of suspension or revocation of a residential or non-residential building department certification, the jurisdiction shall, within fifteen

days of being notified of such suspension or revocation, surrender to the secretary of the board of building standards the certificate previously issued under paragraph (D)(1)(a) of this rule. The department, upon suspension or revocation, shall no longer hold out to the public that it is authorized to issue certificates of plan approval for the construction, repair, alteration of buildings or classes of buildings specified in section 3781.06 of the Revised Code or for performing inspections for which it has been suspended or certification revoked.

Outstanding plans review, approvals, inspections, or orders. In the event of the suspension or revocation of a non-residential building department certification, the enforcement duties shall be transferred to the division of industrial compliance or to the certified building department as approved by the board.

- (4) Probationary status. In the event of an investigation in which the board decides not to immediately suspend or revoke a residential or non-residential building department's certification, as outlined in paragraph (G) of this rule, the board may place the department on probationary status for a period of time and require remedial action as the board deems appropriate. During this time the department shall comply with the training, reporting, auditing, or other remedial action required by the board. The board is authorized to revoke or suspend the department's certification for failure to comply with such remedial requirements pursuant to paragraph (G) of this rule.

(H) Special building department requirements.

- (1) Changes in jurisdictional authority. The department shall submit an application to have its existing building department certification modified. The application shall also include a transition plan identifying all outstanding projects that have received a certificate of plans approval but have yet to be issued a certificate of occupancy or certificate of completion. The transition plan shall indicate how and by whom code enforcement duties for those projects will be continued and completed and how paid and pending fees will be assessed and/or shared to prevent duplicative fees and/or enforcement duties.
- (2) Surrender of department certification. The political subdivision shall submit a written notification to the board declaring its intention to surrender its existing building department certification. The notification shall also include a transition plan identifying all outstanding projects that have received a certificate of plans approval but have yet to be issued a certificate of occupancy or certificate of completion. The transition plan shall indicate how and by whom code enforcement duties for those projects will be continued and completed and how paid and pending fees will be assessed and/or shared to prevent duplicative fees and/or enforcement duties. All documents, reports, and project files will be transferred to the jurisdiction that will assume enforcement authority.

Township certification when a county is or becomes certified. A township may not submit an application pursuant to this rule to exercise enforcement authority, to accept and approve construction documents, and to make inspections that is located

in a county that is already certified. If a township is certified and the county subsequently is certified by the board, the township's certification is preempted by the county one year after the county certification is effective or at an earlier date as the board of township trustees approves. Townships and counties certified by the board as of the effective date of this rule are not affected by this section.

- (3) Structures with shared jurisdictional authority. When a department receives an application for plan approval for a structure or portion of a structure which, when built, would involve shared jurisdictional authority, the building official shall immediately notify the owner that the structure involves shared jurisdictional authority and the process, determined below, that will be used in approvals and inspections for the project and shall:
- (a) Determine which other political subdivision(s) has jurisdiction for a portion of the structure;
 - (b) Determine the name and contact information for the building official for any other political subdivision(s) which has jurisdiction for a portion of the structure;
 - (c) Determine, with the advice of legal counsel, and after discussion with the building official(s) of the other political subdivision(s) identified above, how and by whom code enforcement duties for the project shall be completed;
 - (d) Determine how, when, and which enforcement records shall be provided to the various parties;
 - (e) Determine how paid and pending fees will be assessed and/or shared to prevent duplicative fees and/or enforcement duties; and
 - (f) Establish by whom, when, and to whom the certificate of occupancy or certificate of completion shall be issued and distributed.

4101:7-3-01 Residential and non-residential building department personnel certification.

Residential and non-residential building departments shall have personnel qualified to execute the duties required to enforce the rules of the board. Only those certified individuals employed by or under contract with a particular political subdivision are authorized to exercise enforcement authority within that same jurisdiction.

Exception: Inspectors performing industrialized unit inspections on behalf of the board of building standards.

(A) Building department personnel certification classifications. The certifications issued by the board of building standards are as follows:

- (1) Building official.
- (2) Interim building official.
- (3) Residential building official.
- (4) Interim residential building official.
- (5) Master plans examiner.
- (6) Interim master plans examiner.
- (7) Master plans examiner trainee.
- (8) Residential plans examiner.
- (9) Interim residential plans examiner.
- (10) Residential plans examiner trainee.
- (11) Building plans examiner.
- (12) Interim building plans examiner.
- (13) Building plans examiner trainee.
- (14) Electrical plans examiner.
- (15) Interim electrical plans examiner.
- (16) Electrical plans examiner trainee.
- (17) Plumbing plans examiner.
- (18) Interim plumbing plans examiner.
- (19) Plumbing plans examiner trainee.
- (20) Mechanical plans examiner.

- (21) Interim mechanical plans examiner.
- (22) Mechanical plans examiner trainee.
- (23) Fire protection plans examiner.
- (24) Interim fire protection plans examiner.
- (25) Fire protection plans examiner trainee.
- (26) Building inspector.
- (27) Interim building inspector.
- (28) Building inspector trainee.
- (29) Residential building inspector.
- (30) Interim residential building inspector.
- (31) Residential building inspector trainee.
- (32) Fire protection inspector.
- (33) Interim fire protection inspector.
- (34) Mechanical inspector.
- (35) Interim mechanical inspector.
- (36) Mechanical inspector trainee.
- (37) Residential mechanical inspector.
- (38) Interim residential mechanical inspector.
- (39) Residential mechanical inspector trainee.
- (40) Electrical safety inspector.
- (41) Electrical safety inspector trainee.
- (42) Industrialized unit inspector.
- (43) Interim industrialized unit inspector.
- (44) Residential industrialized unit inspector.
- (45) Interim residential industrialized unit inspector.
- (46) Plumbing inspector.
- (47) Interim plumbing inspector.

(48) Plumbing inspector trainee.

(49) Medical gas piping inspector.

(50) Permit technician

(B) Multiple personnel certifications held. A person may hold more than one certification.

(C) Conflict of interest. No certified employee or person who contracts for services within the jurisdictional area of a residential or non-residential building department shall perform services for any department which would require that person or employee to exercise authority or make an evaluation of any work furnished by him or by a private contractor that employs him on a full-time, part-time, or incidental basis. Further, such employee or person shall not engage in conduct that is prohibited or considered a conflict of interest pursuant to Chapter 102. of the Revised Code.

(D) Seals. No holder of a certification issued by the board of building standards is authorized to secure a seal in any form or of any type for use in the performance of any of their duties.

(E) Experience requirements of the applicant to qualify for certification.

(1) General experience. To qualify for certification, applicants must have experience directly related to buildings or structures within the scope of the "Residential Code of Ohio" for residential certifications or experience directly related to buildings or structures within the scope of the "Ohio Building Code" for non-residential certifications.

(a) In evaluating experience of an applicant, the board of building standards may find the following enforcement, inspection, or plans examination experience to be acceptable:

(i) Experience gained prior to 1984, with a non-residential building department certified by the board of building standards to exercise enforcement authority for buildings or structures within the scope of groups regulated by the rules of the board; or

(ii) Experience gained with the department of commerce, division of industrial compliance or an agency or jurisdiction outside the state of Ohio enforcing a model residential code, for residential certifications, or a model non-residential building code, for non-residential certifications, of a national model code organization or a code adopted for the respective buildings or structures of the types regulated by the rules of the board; or

(iii) Certification by the department of commerce, division of industrial compliance, as a plumbing inspector when application is made for board certification as a plumbing inspector; or

- (iv) Experience gained as an employee of a certified residential or non-residential building department and who is a holder of a board certification other than that for which application is being made as prescribed in this rule.

Exceptions:

- (a) Certified building department employees who are applicants for plumbing inspector certification shall comply with paragraph (E)(16) of this rule.
- (b) Certified building department employees who are applicants for electrical safety inspector certification shall comply with paragraph (E)(17) of this rule.

- (b) The board of building standards shall not credit experience gained while acting in violation of rules adopted by the board to establish equivalent experience.
- (c) The board of building standards may credit experience which provides knowledge of different construction methods, processes, or types as it determines applicable, but shall not credit construction experience that does not provide required knowledge including, but not limited to, the installation of floor and wall coverings, the installation of roofing materials or roofing systems, or the finishing of concrete.
- (d) For a residential or non-residential certification, the board of building standards shall credit one year of the required experience obtained through education credit pursuant to paragraph (F)(6) of this rule.
- (e) Individuals certified as non-residential building officials, master plans examiners, or building inspectors must make application to the board but individuals will qualify without further testing and without providing related experience to become a residential building official, residential plans examiner, and/or residential building inspector.

(2) Building official. An applicant for a building official certification shall meet one of the following requirements:

- (a) At least five years of experience in non-residential building design and construction for buildings or structures within the scope of groups regulated by the rules of the board while registered in Ohio as an architect or professional engineer;
- (b) At least ten years of experience as a general contractor or superintendent of building construction for buildings or structures dealing with all phases and trades of construction including the responsibility for obtaining approvals and inspections within the scope of groups regulated by the rules of the board; or
- (c) At least five years of experience employed full-time as a residential building

official in a certified residential building department.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(3) Residential building official. An applicant for a residential building official certification for a residential building department shall meet one of the following requirements:

- (a) Ohio registration as an architect or professional engineer; or
- (b) At least five years of experience as a residential contractor or non-residential contractor or superintendent with responsibility for obtaining approvals and inspections of structures regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(4) Master plans examiner. An applicant for a non-residential master plans examiner certification shall meet one of the following requirements:

- (a) At least five years of experience in building design, construction, or plans examination for buildings or structures within the scope of groups regulated by the rules of the board while registered in Ohio as an architect or professional engineer;
- (b) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(5) Residential plans examiner. An applicant for a residential plans examiner certification shall meet one of the following requirements:

- (a) Ohio registration as an architect or professional engineer;
- (b) At least five years of experience in building design and construction for residential or non-residential buildings or structures regulated by the rules of the board; or
- (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(6) Building plans examiner. An applicant for a building plans examiner certification shall meet one of the following requirements:

- (a) At least five years of experience as a full-time building inspector in a certified non-residential building department; or
- (b) Ohio registration as an architect or professional engineer; or
- (c) At least ten years of experience as a full-time skilled tradesman for structural carpentry, masonry, steel erection, or concrete construction work, subject to inspection under a model building code of a national model code organization or a code adopted for non-residential buildings or structures, within the scope of groups regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(7) Electrical plans examiner. An applicant for an electrical plans examiner certification shall meet one of the following requirements:

- (a) At least five years of experience as a full-time electrical safety inspector in a certified building department;
- (b) At least five years of experience as an electrical safety inspector, certified pursuant to Chapter 3783. of the Revised Code and employed full-time by the Ohio department of commerce, division of industrial compliance; or
- (c) Ohio registration as an architect or professional engineer; or
- (d) At least ten years of experience as a full-time journeyman electrician or equivalent for the installation of electrical systems, subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures, within the scope of groups regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(8) Plumbing plans examiner. An applicant for a plumbing plans examiner certification shall meet one of the following requirements:

- (a) At least five years of experience as a full-time plumbing inspector in a certified building department;
- (b) At least five years of experience as a plumbing inspector, certified pursuant to Chapter 3703. of the Revised Code, employed full-time by either the Ohio department of commerce, division of industrial compliance, or by a county board of health; or
- (c) Ohio registration as an architect or professional engineer; or
- (d) At least ten years of experience as a full-time journeyman plumber or equivalent

for the installation of plumbing systems, subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures, within the scope of groups regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (9) Mechanical plans examiner. An applicant for a mechanical plans examiner certification shall meet one of the following requirements:
- (a) At least five years of experience as a full-time building inspector or mechanical inspector in a certified building department;
 - (b) At least five years of experience as a full-time residential building official, residential plans examiner, residential building inspector, or residential mechanical inspector in a certified residential building department; or
 - (c) Ohio registration as an architect or professional engineer; or
 - (d) At least ten years of experience as a full-time skilled tradesman for heating, ventilating, and air conditioning ("HVAC") systems and associated refrigeration, fuel gas, and heating piping work, subject to inspection under a model building code of a national model code organization or a code adopted for non-residential buildings or structures, within the scope of groups regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (10) Fire protection plans examiner. An applicant for a fire protection plans examiner certification shall meet one of the following requirements:
- (a) At least five years of experience as a full-time certified fire safety inspector in a fire department or as a certified fire protection inspector for a non-residential building department with experience inspecting non-residential fire protection systems;
 - (b) At least five years of experience as a full-time certified fire protection system designer with experience designing non-residential fire protection systems;
 - (c) At least five years of experience as a full-time building inspector in a certified non-residential building department; or
 - (d) Ohio registration as an architect or professional engineer; or
 - (e) At least ten years of experience as a full-time skilled tradesman for the installation of fire protection systems (automatic sprinkler systems, alternative automatic fire-extinguishing systems, standpipe systems, fire alarm and detection systems

and fire pump systems), subject to inspection under a model non-residential building code of a national model code organization or a code adopted for non-residential buildings or structures, within the scope of groups regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (11) Building inspector. An applicant for a building inspector certification shall meet one of the following requirements:
- (a) At least five years of experience in structural carpentry, masonry, steel erection, or concrete construction work subject to inspection under a model building code of a national model code organization or a code adopted for non-residential buildings or structures within the scope of groups regulated by the rules of the board as a skilled tradesman, a supervisor, or a construction contractor;
 - (b) At least five years of experience as a full-time non-residential building official, master plans examiner, non-residential mechanical inspector, residential building official, residential plans examiner, residential building inspector, or residential mechanical inspector in a certified residential building department; or
 - (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (12) Residential building inspector. An applicant for residential building inspector certification shall meet one of the following requirements:
- (a) At least three years of experience as a contractor or supervisor for residential or non-residential buildings or structures regulated by the rules of the board;
 - (b) At least three years of experience as a skilled tradesman for work subject to inspection under a code adopted for buildings or structures regulated by the "Residential Code of Ohio" or the "Ohio Building Code"; or
 - (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (13) Fire protection inspector. An applicant for fire protection inspector certification shall meet one of the following requirements:
- (a) At least five years of experience in the installation of fire protection systems (automatic sprinkler systems, alternative automatic fire-extinguishing systems,

standpipe systems, fire alarm and detection systems and fire pump systems) subject to inspection under a model non-residential building code of a national model code organization or a code adopted for non-residential buildings or structures within the scope of groups regulated by the rules of the board;

- (b) At least five years of experience as a certified fire safety inspector or a certified fire protection system designer.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (14) Mechanical inspector. An applicant for a mechanical inspector certification shall meet one of the following requirements:

- (a) At least five years of experience as a skilled heating, ventilating, and air conditioning (HVAC) system and associated refrigeration, fuel gas, and heating piping tradesman for work subject to inspection under a model building code of a national model code organization or a code adopted for non-residential buildings or structures within the scope of groups regulated by the rules of the board;

- (b) At least five years of experience as a full-time building official, master plans examiner, or building inspector in a certified non-residential building department, or a full-time residential building official, residential plans examiner, residential building inspector, or residential mechanical inspector in a certified residential building department; or

- (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (15) Residential mechanical inspector. An applicant for a residential mechanical inspector certification shall meet one of the following requirements:

- (a) At least three years of experience as an HVAC system contractor or supervisor for residential or non-residential buildings regulated by the rules of the board;

- (b) At least three years of experience as a skilled tradesman for HVAC systems and the associated refrigeration, fuel gas, and heating piping for residential or non-residential buildings regulated by the rules of the board; or

- (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

- (16) Plumbing inspector. An applicant for a plumbing inspector certification shall meet one of the following requirements:
- (a) At least seven years of experience in the installation of plumbing, subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures and within the scope of groups regulated by the rules of the board;
 - (b) A degree in engineering or architecture and three years of experience in plumbing system design; or
 - (c) Successful completion of a trainee program pursuant to paragraph (F)(5) of this rule.
- (17) Electrical safety inspector. An applicant for an electrical safety inspector (ESI) certification shall meet one of the following experience requirements:
- (a) Journeyman electrician or equivalent for four years, two years as an electrician foreman, and two years of experience as a building department ESI trainee;
 - (b) Journeyman electrician or equivalent for four years and three years of experience as a building department ESI trainee pursuant to paragraph (F)(5) of this rule;
 - (c) Four years of experience as a building department ESI trainee;
 - (d) Journeyman electrician or equivalent for six years; or
 - (e) An electrical engineer registered in the state of Ohio.
- (18) Industrialized unit inspector. An applicant for an industrialized unit inspector certification shall meet one of the following requirements:
- (a) At least five years of experience as a construction contractor or supervisor for non-residential buildings or structures within the scope of groups regulated by the rules of the board;
 - (b) At least five years of experience as a skilled tradesman for work subject to inspection under a model building code of a national model code organization or a code adopted for non-residential buildings or structures within the scope of groups regulated by the rules of the board;
 - (c) At least five years of experience as a skilled tradesman for work subject to inspection under a residential dwelling code, a model building code of a national model code organization or a code adopted for non-residential buildings or structures regulated by the rules of the board; or
 - (d) Certification as a building inspector as specified in paragraph (E)(11) of this rule.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(19) Residential industrialized unit inspector. An applicant for a residential industrialized unit inspector certification shall meet one of the following requirements:

- (a) At least three years of experience as a construction contractor or supervisor for non-residential buildings or structures within the scope of groups regulated by the rules of the board or as a construction contractor or supervisor for residential buildings or structures regulated by the rules of the board;
- (b) Certification as a building inspector, residential building inspector, or industrialized unit inspector; or
- (c) At least three years of experience as a skilled tradesman for work subject to inspection under a residential dwelling code, a model building code of a national model code organization or a code adopted for non-residential buildings or structures regulated by the rules of the board.

In evaluating the experience requirements for this certification, the board may accept applicable experience as specified in paragraph (E)(1) of this rule.

(20) Medical gas piping inspector. An applicant for a medical gas piping inspector certification shall provide evidence verifying that the applicant has been certified by an "American Society of Sanitary Engineering (ASSE)" recognized third party certifier in accordance with ASSE standard 6020.

(21) Permit technician. An applicant for a permit technician shall meet the following requirements:

(a) High school diploma or equivalent, and,

(b) Prior experience in office administration, customer relations or office practices and shall include experience in the building or construction industry for two years, or

(c) ICC permit technician certification.

(F) Personnel certification application, filing and processing. Applications for certification shall be sent to the office of the board at least two weeks prior to a certification hearing. The application shall expire if not approved within one year of receipt by the board. Applications for certification as an electrical safety inspector shall be submitted at least two weeks prior to a meeting of the electrical safety inspector advisory committee.

Each applicant shall also submit, with the application, an application fee of fifty dollars and evidence sufficient to show the board that the applicant is qualified. Such evidence may include proof of the statements made in the application, documentary evidence, affidavits, transcripts, diplomas, published data, photographs, or legible reproductions of the same, or any other documentation.

(1) Certification process. Upon receipt of a completed application and an application fee of fifty dollars, the board of building standard's certification committee shall review

the application and make a recommendation to the board of building standards.

Exception: Upon receipt of a completed application for certification as an electrical safety inspector, the electrical safety inspector advisory committee shall review the application and make a recommendation to the board of building standards.

The committee may ask for additional information to be submitted by the applicant prior to making a recommendation to the board. If the committee requests additional information from the applicant, failure to submit the requested information within ninety days from the date of the request may be cause for disapproval of the application by the board. After receiving a recommendation from the committee, the board shall hold a certification hearing to take action on the application. The applicant may be present at the certification hearing to respond to any questions from the board and all interested persons appearing at such certification hearing may be given an opportunity to comment.

- (a) Certification, approval or denial. Following the certification hearing, the board may approve, approve with conditions, table pending further review and/or receipt of additional documentation, deny the application for certification, or take such other action as the board deems appropriate. If the board requests additional information, failure to submit the requested information within ninety days from the date of the request shall be cause for disapproval of the application by the board. The board may request an interview of the applicant by the certification committee to assist the board in making its evaluation of an application.

If the application is denied, in whole or in part, by the board of building standards, the applicant shall be notified in writing of such denial, the reason for the denial, and their rights of appeal pursuant to sections 3781.10 and 3781.101 and Chapter 119. of the Revised Code.

Hearings shall be held by the board of building standards and appeals shall be permitted on any proceedings for certification as provided in section 119.07 of the Revised Code and in paragraph (F)(7)(a)(v) of this rule.

- (b) Records. The board shall retain, as a part of applications which have been approved, any or all documents submitted or electronic versions of such documents, which shall be properly marked for identification and ownership.
- (c) Board action. All applications shall be considered individually by the board and the action taken shall be recorded in the minutes, noted on the application form, and the applicant notified as required.
- (d) Examinations. All applicants shall furnish the board evidence of passing the board approved examinations for the appropriate certification category issued by a national model code organization or a testing agency or entity recognized by the board. The board shall maintain a list of approved examinations. Examinations required for certification may be completed before application is made for

certification by the board.

(2) Issuance of certificate and renewal.

(a) Issuance of certification.

- (i) Upon submission of an application for certification for which the experience requirements are approved but evidence of successfully completing the required examination modules is not included, a one-time interim certification shall be issued to the applicant. No extensions shall be granted. The certificate shall state the interim certification classification being issued pursuant to paragraph (A) of this rule, expiration date, and limitations, if any, under which it has been issued. For the purpose of this paragraph the one-time interim certification period is for two years.

Exception: Applicants for certification as an electrical safety inspector whose application is approved are then qualified to begin examination only and, before exercising enforcement duties for a political subdivision, must submit evidence of successfully completing the required examination in order to receive electrical safety inspector certification.

Before the end of the interim certification period, the certificate holder shall submit evidence of successfully completing the required examination modules and meeting any other certification requirements.

- (a) If the interim certification has expired prior to completing all of the requirements, the board may consider certification of the individual if the applicant presents evidence of completing the outstanding examination(s) required in paragraph (F)(1)(d) of this rule within the year following the expiration.
- (b) Upon expiration, the individual shall not perform any duties for which the interim certification was received but may enter the trainee program as required in paragraph (F)(5) of this rule.

- (ii) Upon submission of an application for certification for which the experience requirements are approved and evidence of successfully completing the required examination modules and completion of the "Ohio Building Code Academy" required by paragraph (F)(4)(a) of this rule is included, an appropriate certificate shall be issued to the applicant. The certificate shall state the certification classification being issued, expiration date, and limitations, if any, under which it has been issued. For the purpose of this paragraph a certification period is for three years.

- (iii) No application fee is required for conversion of interim to full certification.

- (b) Renewal. It shall be the responsibility of the certificate holder to notify the board of a change of primary mailing address when it changes and to renew at

three-year intervals.

- (c) Applications for renewal. Applications for renewal of a certification shall be submitted to the board of building standards at least thirty days prior to the expiration date. In addition to a completed renewal application form prescribed by the board, applicants for renewal of certification shall submit a certification renewal fee of thirty dollars and evidence of having attended board-sponsored required continuing education courses or their board-approved equivalents and, other than medical gas piping inspectors, successfully completed thirty hours of approved educational courses prior to the expiration of the current certification.

Exceptions:

- (i) Applications for renewal of medical gas piping inspector certifications shall include evidence verifying that the applicant's certification by an "ASSE" recognized third-party certifier, in accordance with "ASSE" standard 6020, has been renewed.
- (ii) Applicants for renewal of master plans examiner certifications shall include evidence verifying current active registration as an Ohio registered design professional.

- (d) Failure to renew. Any individual whose certification has expired through failure to renew may obtain a renewal within one year from the date of its expiration provided the holder has met all requirements for renewal, including payment of the renewal fee. All applications for renewal of expired certifications shall be processed as renewals during the one year period following expiration. All applications for renewal of expired certifications submitted more than one year following the expiration shall be processed as a new application. The holder of a certification that has expired shall not perform any duties for which a certification is required.

- (3) Elective temporary suspension. Certifications may be placed in elective temporary suspension upon written request to and approval by the board. Except for emergency circumstances, requests shall be in writing at least sixty days prior to the certification expiration date and supported by satisfactory evidence that the holder is withdrawing from active employment for which the certification is required.

- (a) Restoring certification. Certifications placed in elective temporary suspension for a period of time not to exceed one three-year term following the expiration date may be restored to active status by the board upon written request. The request shall be supported by satisfactory evidence that the holder has completed thirty hours of continuing education for that certification and any board-sponsored mandatory training required, or their board-approved equivalents, during the time the certification was in suspension prior to the date of reinstatement. Payment of the thirty-dollar renewal fee shall accompany the request.

(b) Failure to restore certification. Certifications placed in elective temporary suspension for a period of time exceeding one three-year term following the original certification expiration date may be restored to active status by the board upon written request supported by evidence of passing of the appropriate examinations prescribed by the board, completion of the "Ohio Building Code Academy," and payment of the thirty-dollar renewal fee.

(4) Continuing education.

(a) Holders of board certifications shall:

(i) Complete the "Ohio Building Code Academy" requirements during their initial certification period. Individuals who have completed the "Ohio Building Code Academy" within thirty-six months immediately preceding the date of receipt of initial certification may attend "Code Administration and Skills Training" provided by the board in lieu of the "Ohio Building Code Academy".

Exceptions:

(a) Individuals certified as medical gas piping inspectors pursuant to paragraph (E)(20) of this rule.

(b) Individuals certified as industrialized unit inspectors or residential industrialized unit inspectors.

(c) Individuals certified as permit technicians

(ii) Complete at least thirty hours of board approved continuing education in their respective classification prior to the expiration date of the certification for each certification period other than their first. Beginning with certification renewal applications submitted on or after January 1, 2020, of those thirty hours, at least three hours of continuing education shall be dedicated to the subject of code administration, three hours shall be dedicated to existing buildings, and one hour shall be dedicated to ethics.

(a) Exceptions:

(i) Medical gas piping inspectors, who maintain their certification in accordance with ASSE standard 6020.

(ii) The board shall extend a certification period upon receipt of documentation certifying that a holder of board certification has been called to active military duty described in division (A)(3)(c) of section 5903.12 of the Revised Code during the current or previous certification period by the total number of months that the holder of the certification spent on active military duty. For the purposes of

this paragraph, any portion of a month served on active duty shall be considered one full month.

(iii) Certified permit technicians must complete at least 15 hours of board approved continuing education

- (b) Failure to complete. Failure to complete the number of hours required shall result in forfeiture of the certification.
 - (c) Proof of completion. It shall be the responsibility of the certificate holder to furnish the board with proof of completion of all board approved courses for which credit is sought.
 - (d) Continuing education courses approved for health, safety, and welfare ("HSW") credit by the "American Institute of Architects" shall be recognized for fulfilling the continuing education requirements of this rule.
- (iii) Attend mandatory continuing education courses prescribed by the board.
- (b) Approval process for continuing education courses.
- (i) Applications for approval. Applications for continuing education course approval shall be on forms prescribed by the board and submitted at least seven days prior to the meeting of the board's education committee or the electrical safety inspectors advisory committee for continuing education courses for electrical safety inspectors. (A meeting schedule is available on the board of building standards' web page at <http://www.com.ohio.gov/dico/bbs/>)
 - (ii) Application review. Upon receipt of a complete application for course approval, the board of building standards education committee shall review the application and make a recommendation to the board. Following receipt of the committee's recommendation, the board may approve, table pending further review and/or receipt of additional documentation, deny the application for course approval, or take such other action as the board deems appropriate.
 - (a) Course approval number. Approved courses will be issued a course approval number with the prefix "BBSyyyy" based on the calendar year.
 - (b) Course approval expiration. Continuing education course approval will expire on December thirty-first of each year.
 - (c) Course update. The instructor or sponsor of any course(s) intended to be taught in a subsequent year, upon or near the expiration date of a current approval, shall resubmit an application for each course requesting an update. If approved, the instructor or sponsor shall receive a new approval and approval number for each course for the subsequent year.

Any application for a course update shall be processed administratively as long as the course content has not changed.

- (iii) Course credit. Board approved courses shall establish hour equivalencies for continuing education credit for each of the certification classifications requested. Course credit shall only be given for training in the respective certification classification. Courses approved for more than one certification classification may be applied to each certification for which training is required. No credit shall be approved for duplicate courses within the same certification period. Instructors of board approved courses may apply three course hours for every one course hour taught toward their own board certification continuing education requirements except for duplicate courses within the same certification period.
- (iv) Approved course sponsor requirements. The following are requirements that apply to all approved continuing education courses:
 - (a) Date(s), time(s), and location(s) the course will be taught shall be provided to the board prior to the course presentation;
 - (b) If course content is modified, the course must be resubmitted for course approval;
 - (c) When promoting an approved course, the instructor shall make full and accurate disclosure regarding course title, course approval number, number of contact hours, certifications for which approval has been given, and all fees to be charged;
 - (d) Course sponsors shall provide participants with a certificate of completion containing the name of the participant, title of approved course, BBS approval number, date and location of session, number of contact hours awarded, certification types for which course is approved, and signature of authorized sponsor or instructor;
 - (e) The sponsors of an approved continuing education course shall provide the board with a legible copy of a list of participants who completed the course including: course name, date, and location of the session;
 - (f) Participants must attend the complete course(s) as presented by the instructor to receive the contact hours approved by the board. No partial credit shall be given to any participant failing to complete the entire course as approved. The sponsor shall verify the participant's attendance and completion of the course; and,
 - (g) The board does not provide retroactive approval for continuing education courses presented prior to submission of an application for approval.
- (5) Trainee program requirements. Individuals seeking certification as a trainee shall meet the requirements of this section.

- (a) Trainee applicants. Trainees shall meet the following requirements:
- (i) A trainee applicant shall be a full time employee of a political subdivision.
 - (ii) A trainee applicant shall be under the direct supervision of a trainee supervisor.
 - (iii) A master plan examiner trainee applicant shall also be a graduate of an NAAB, EAC-ABET, or similarly accredited architecture or engineering university program.
 - (iv) A building, mechanical, electrical, plumbing, or fire protection plans examiner trainee applicant for a non-residential building department shall:
 - (a) Be a graduate of an "NAAB", "EAC-ABET", or similarly accredited architecture or engineering university program; or
 - (b) Have at least one year of experience as:
 - (i) A full-time building inspector, fire protection inspector, plumbing inspector, electrical safety inspector, or mechanical inspector in a certified non-residential building department, of the division of industrial compliance in the Ohio department of commerce, or of county boards of health; or
 - (ii) A full-time residential building official, residential plans examiner, residential building inspector, or residential mechanical inspector in a certified residential building department; or
 - (iii) A full-time designer working under the direct supervision of a design professional preparing construction documents of any discipline directly related to buildings or structures within the scope of groups regulated by the Ohio building codes.
 - (c) Submit evidence of eligibility to receive the education credit pursuant to paragraph (F)(6) of this rule.
 - (v) A residential plans examiner trainee applicant for a residential building department shall meet one of the following:
 - (a) Have at least one year of experience as a full-time designer working under the direct supervision of a design professional preparing construction documents;
 - (b) Have at least one year of experience as a skilled tradesman for work subject to inspection under a residential or non-residential code adopted for buildings or structures regulated by the "Residential Code of Ohio" or the "Ohio Building Code"; or
 - (c) Submit evidence of eligibility to receive the education credit pursuant to

paragraph (F)(6) of this rule.

- (vi) A building inspector or mechanical inspector trainee applicant for a non-residential building department shall:
 - (a) Have at least one year of experience as a skilled tradesman for work subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures and within the scope of groups regulated by the rules of the board; or
 - (b) Submit evidence of eligibility to receive the education credit pursuant to paragraph (F)(6) of this rule.
 - (vii) The building inspector or mechanical inspector trainee applicant for a residential building department shall
 - (a) Have at least one year of experience as a skilled tradesman for work subject to inspection under a residential or non-residential code adopted for buildings or structures regulated by the "Residential Code of Ohio" or the "Ohio Building Code"; or
 - (b) Submit evidence of eligibility to receive the education credit pursuant to paragraph (F)(6) of this rule.
 - (viii) A plumbing inspector trainee applicant shall:
 - (a) Have at least three years of experience in the installation of plumbing systems subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures and within the scope of groups regulated by the rules of the board; or
 - (b) Submit evidence of eligibility to receive the education credit pursuant to paragraph (F)(6) of this rule.
 - (ix) An electrical safety inspector trainee applicant shall:
 - (a) Have at least two years of experience in the installation of electrical systems subject to inspection under either a model building code of a national model code organization or a code adopted for buildings or structures and within the scope of groups regulated by the rules of the board; or
 - (b) Submit evidence of eligibility to receive the education credit pursuant to paragraph (F)(6) of this rule.
- (b) Trainee supervisors. A trainee supervisor shall:
- (i) Be a full time employee of the same political subdivision as the trainee and shall be available to the trainee during normal working hours;

- (ii) Currently possess the certification for which the trainee is being trained except that a master plans examiner may supervise any elective plans examiner trainee;
 - (iii) Be responsible for no more than two trainees at one time and shall immediately notify the board of the trainee(s) under supervision;
 - (iv) Notify the board of any change in supervisor or trainee status within thirty days;
 - (v) Supervise, check, and sign the trainee's inspections and reports or a plans examiner trainee's plans examinations; and
 - (vi) Provide to the board a report documenting at least twenty-five inspections or plans examinations made yearly by the trainee under the direct supervision of the trainee supervisor, with an evaluation of the trainee at the end of the first six months of the program, at the end of one year, and annually afterward.
- (c) Trainee sponsor requirements. The trainee sponsor (county, township, or municipal corporation) shall:
- (i) Direct the appropriate building official to certify to the board that the trainee is a full time employee of the county, township, or municipal corporation and is under the direct supervision of an individual possessing the certification for which the trainee is being trained; and
 - (ii) Provide the trainee with a copy of the current rules of the board.
- (d) Trainee certification. The board shall issue a trainee certification to each applicant who has met the qualification requirements. The certification shall expire not more than six years from the date of applicant approval by the board. After a minimum of two years, or four years for electrical safety inspector trainees, and upon satisfactory completion of the trainee program pursuant to paragraph (F)(5)(e) of this rule, the trainee may apply for certification in the respective classification. The trainee certification is not renewable and upon expiration the individual may not reapply as a new trainee for a period of one year. The board may approve a trainee program on a case-by-case basis in lieu of the requirements of paragraph (F)(5)(e) that provides an equivalent level of training and education based on the individual applicant's documented experience.
- (e) Trainee course and work requirements.
- (i) Plans examiner trainees:
 - (a) A master plans examiner trainee, prior to completion of the trainee

program, shall:

- (i) Perform at least twenty-five plans examinations yearly while under the direct supervision of the trainee supervisor;
 - (ii) Attend and successfully complete at least ten hours of approved code education courses yearly, including completion of the "Ohio Building Code Academy" as required in paragraph (F)(3) of this rule;
 - (iii) Complete the appropriate examination requirements; and
 - (iv) Become registered in Ohio as an architect or professional engineer.
- (b) A residential plans examiner trainee, prior to completion of the trainee program, shall:
- (i) Perform at least twenty-five plans examinations yearly while under the direct supervision of the trainee supervisor;
 - (ii) Attend and successfully complete at least one-hundred hours of approved code education courses, including completion of the "Ohio Building Code Academy" as required in paragraph (F)(3) of this rule; and
 - (iii) Complete the appropriate examination requirements.
- (c) An elective plans examiner trainee, prior to completion of the trainee program, shall:
- (i) Perform at least twenty-five plans examinations yearly while under the direct supervision of the trainee supervisor;
 - (ii) Attend and successfully complete at least two-hundred hours of approved code education courses, including completion of the "Ohio Building Code Academy" as required in paragraph (F)(3) of this rule;
 - (iii) Complete the appropriate examination requirements.
- (ii) Inspector trainees:
- (a) A non-residential building, mechanical, or plumbing inspector trainee, prior to completion of the trainee program, shall:
 - (i) Perform at least twenty-five inspections yearly while under the direct supervision of the trainee supervisor;
 - (ii) Attend and successfully complete at least two-hundred hours of approved code education courses, including completion of the "Ohio Building Code Academy" as required in paragraph (F)(3) of

- (a) Air conditioning, heating, and ventilation.
 - (b) Carpentry.
 - (c) Electricity.
 - (d) Masonry.
 - (e) Plumbing and pipefitting.
 - (f) Firefighting.
- (ii) Technical programs. Technical education instructional programs offering associate degrees that are acceptable for credit include:
- (a) Architectural/construction technology.
 - (b) Heating and air conditioning technology.
 - (c) Fire science technology.

(iii) Other programs. The successful completion of other specific vocational instructional programs of a minimum of nine hundred contact hours or technical education instructional programs may be considered by the board if the training is directly related to the design and construction of buildings or structures within the scope of groups regulated by the rules of the board.

An applicant for electrical safety inspector trainee may obtain credit for one year of required experience through the completion of approved vocational training in the fundamentals of electricity.

(7) Certification, revocation or suspension. In accordance with division (E) of section 3781.10 of the Revised Code, a certification may be revoked or suspended upon receipt by the board of building standards of a written complaint from any person affected by the exercise of the authority granted under such certification, or by the board on its own motion pursuant to this paragraph.

- (a) Complaint process. Upon receipt of a complaint against a holder of a certification that is substantiated to the satisfaction of the board or upon the board's own motion:
- (i) The board shall decide whether the information submitted warrants causing an investigation to be initiated or sending a notice of opportunity for hearing as outlined in paragraph (F)(7)(a)(iv) of this rule;
 - (ii) If a formal investigation is warranted, the subject of the investigation shall be notified that an investigation has been initiated by the board;
 - (iii) Upon completion of the investigation, findings shall be reported to the board.
 - (iv) The board may dismiss the complaint, table the matter for future action, or

initiate action to suspend or revoke the certification. If the board decides to initiate action to suspend or revoke the certification it shall notify the certificate holder of the charges, pursuant to paragraph (F)(7)(c) of this rule, by certified mail, return receipt requested. The certificate holder shall be informed that a hearing, if desired, must be requested within thirty days from the date of the mailing to request a hearing before the board. The order shall inform the certificate holder that counsel may represent the certificate holder at the hearing. Failure by the certification holder to request a hearing within thirty days from the date of the mailing of the notification may cause the board, after a hearing, to uphold an order revoking or suspending certification.

(v) In the event that the certificate holder timely requests a hearing, the board shall decide to either conduct a hearing or appoint a hearing officer to conduct a hearing.

(a) Board decision to hold a hearing.

(i) The board shall schedule a hearing to be held seven to fifteen days after receipt of the request.

(ii) The board may continue or postpone the hearing upon application by the party or upon its own motion.

(iii) The board shall conduct a hearing during which parties and witnesses can be examined and offer testimony in a manner that prevents unnecessary delay, and that ensures the development of a clear and adequate record. The hearing shall be conducted pursuant to the provisions of sections 3781.10, 3781.101, and 119.09 of the Revised Code.

(b) Board decision to appoint a hearing officer. The hearing officer shall submit, within thirty days after the conclusion of the hearing, a written report of the finding of fact and recommendations to the board for its consideration.

(vi) Following the hearing or following receipt of the hearing officer's report, the board shall take action. The party affected shall be sent a certified copy of the board's action and informed by certified mail, return receipt requested, that the certification holder may appeal the order within fifteen days to the court of common pleas in Franklin county pursuant to sections 3781.10, 3781.101, and 119.12 of the Revised Code.

(b) Building department personnel certification, hearings and appeals. Hearings shall be held by the board of building standards and appeals shall be permitted on any proceedings for certification as provided in section 119.07 of the Revised Code and in paragraph (F)(7)(a) of this rule.

(c) Grounds for revocation or suspension. The board shall revoke or suspend an

individual's certification if the board concludes that the individual has committed one or more of the following:

- (i) The practice of fraud or deceit in obtaining the certification;
 - (ii) A felony or crime involving moral turpitude;
 - (iii) Gross negligence, incompetence, misconduct in performance of duties, or engaging in conduct that is considered a conflict of interest;
 - (iv) Failure to complete the continuing education requirements prior to expiration date of the certificate;
 - (v) Violation of the duties described in section 104 of rule 4101:1-1-01 of the Administrative Code for non-residential certifications and section 104 of rule 4101:8-1-01 of the Administrative Code for residential certifications.
- (d) Revocation or suspension. In the event of suspension or revocation of a certification, the individual shall no longer hold out to the public or any jurisdiction that the individual is certified to exercise enforcement authority or holds the board certification which has been suspended or certification revoked. During a suspension, the certificate holder shall comply with the training, reporting, auditing, or other remedial action required by the board. In addition to such other authority the board may have, the board is authorized to revoke the individual's certification for failure to comply with such remedial requirements.
- (e) Probationary status. In the event of an investigation in which the board decides not to immediately suspend or revoke an individual's certification, the board may place the individual on probationary status for a period of time and require remedial action as the board deems appropriate. During this time the certificate holder shall comply with the training, reporting, auditing, or other remedial action required by the board. In addition to such other authority the board may have, the board is authorized to revoke or suspend the certificate holder's certification for failure to comply with such remedial requirements.

File Attachments for Item:

NB-1 Petition #22-02 OPC Chapters 2 and 3 - Larry Cormack, Jr., City of Columbus

APPLICATION

FOR
RULE CHANGE



BOARD OF BUILDING STANDARDS

6606 Tussing Road, P.O. Box 4009
Reynoldsburg, Ohio 43068-9009
(614) 644-2613
bbs@ohio.gov

www.com.state.oh.us/dico/bbs/default.aspx

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

For BBS use:	
Petition #:	22-02
Date Recv'd:	June 10, 2022

Submitter: Larry R Cormack Jr City Of Columbus Building and Zoning
(Contact Name) (Organization/Company)

Address: 111 N front St
(Include Room Number, Suite, etc)

Columbus Ohio 43215
(City) (State) (Zip)

Telephone Number: 614-645-5771 Fax Number: _____

Date: 4/19/22 E-mail Address: lrcormack@columbus.gov

Code Section: 2 (Definitions) and 6 (Water Supply and Distribution)

General Explanation of Proposed Change (attach additional sheets if necessary):

Dead end water lines are currently allowed in the Ohio Plumbing Code. Dead end water lines present a serious hazard due to the lack of flow in these lines which allow the growth of harmful bacteria which could result in illness or death. It is the intent of this proposed change to prohibit Dead End water lines and eliminate the possibility of any future issues.

RECEIVED

JUN 10 2022

BOARD OF BUILDING
STANDARDS

Explanation of Cost Impact of Proposed Code Change*: On remodels and repairs there should be no cost change since lines will be capped closer to the main. On new builds it should be cheaper due to lines for future water will not be installed until needed.

*Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.

Information on Submittal (attach additional sheets if necessary):	
1. Sponsor:	Organization sponsoring or requesting the rule change (if any)
2. Rule Title:	DEAD END WATERLINES PROHIBITED. Title of rule change
3. Purpose/ Objective:	Technical justification for the proposed rule change
4. Formatted Rule Language (Using Strike-out for Deleted Text and Underline for Added Text)	Chapter 2 DEAD END. A branch leading from a water distribution pipe and terminating at a developed length of 1 foot (305mm) or more by means of a plug, cap or other closed fitting. Chapter 6 Dead end water lines shall be prohibited. Use strike-out for deleted text and underline for added text
5. Notes:	<ol style="list-style-type: none"> 1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

From: [Cormack, Larry R.](#)
To: [Ohler, Deborah](#)
Subject: Re: [EXTERNAL] BBS Petition #22-02
Date: Thursday, June 30, 2022 8:07:28 AM

I think the definition and language in the upc accomplished what I wanted to see added to the code. If it can be presented as a revised petition let's go that route. As of right now I'm not sure if I will be available on the 25th so I would appreciate it if you presented it for me.

Thank you

Sent from my iPhone

On Jun 30, 2022, at 7:59 AM, "debbie.ohler@com.ohio.gov" <debbie.ohler@com.ohio.gov> wrote:

Keep in mind that this language is in the 2021 IAPMO Uniform Plumbing Code, not the 2021 ICC International Plumbing Code which is the model code that the BBS will be adopting. That means that we will need to make an Ohio change to the IPC when the board adopts its next OPC.

If you think this definition and language will work, then it can be presented as a revised petition. Or, if you prefer your language, then it can be presented as a back-up proposal. If you would like to present your petition to the BBS Code Committee, or if you would like to be available to the committee for questions, mark your calendar for Thursday, August 25th at 1:00. Otherwise, I'll present it for you.

<image001.jpg>

Deborah D. Ohler, P.E., Construction Codes Administrator

Ohio Board of Building Standards

PO Box 4009, 6606 Tussing Rd.

Reynoldsburg, OH 43068-9009

Office phone: 614-644-2613 Fax: 614-222-2147

dohler@com.state.oh.us

<https://com.ohio.gov/divisions-and-programs/industrial-compliance/boards/board-of-building-standards>

Better Codes, Better Buildings, Safer Ohio

This message and any response to it may constitute a public record and thus may be publicly available to anyone who requests it.

From: Cormack, Larry R. <LRCormack@columbus.gov>

Sent: Wednesday, June 29, 2022 3:52 PM

To: Ohler, Deborah <debbie.ohler@com.ohio.gov>

Subject: Re: [EXTERNAL] BBS Petition #22-02

It sounds like it addresses the issue. Since it's in the 2021 code it would save work on everyone's part. I think it would work.

Sent from my iPhone

On Jun 29, 2022, at 3:47 PM, "debbie.ohler@com.ohio.gov" <debbie.ohler@com.ohio.gov> wrote:

<image001.gif>

Good afternoon, Larry.

At the BBS Code Committee meeting last week, I introduced your OPC petition to prohibit dead end piping systems. I shared with the committee that I would be researching the issue in other plumbing publications/papers and ASHRAE standards dealing with Legionella, working with you to finalize code language, and deciding where the language should be located before it is formally presented to the committee.

At first introduction, the committee had some concern about a complete prohibition because sometimes dead ends/dead legs are unintentionally created (simply by not using existing fixtures) and that sometimes there is no access to existing capped piping without tearing up drywall, etc.

I have researched the following publications and all of these publications make strong recommendations to avoid and minimize, but not prohibit, long dead legs:

- ASHRAE 12 – Minimizing the Risk of Legionellosis Associated with Building Water Systems
- ASHRAE 188 – Legionellosis: Risk Management for Building Water Systems
- ICC International Plumbing Code (IPC) – proposed code changes P136-15, P70-18, P78-18 and 2021 Group A proposed IPC changes
- The World Health Organization (WHO) Technical Report Series (TRS) 929 (Sept. 25, 2020)
- The Center for Disease Control (CDC) Legionella prevention guidelines

While researching, I discovered that the 2021 IAPMO Uniform Plumbing Code (UPC) contains a new Chapter 2 definition of “Dead leg” and contains a new Chapter 3, Section 309.6 that requires a method of flushing for all dead legs. The 2021 UPC can be viewed here: <https://epubs.iapmo.org/2021/UPC/>

The published 2021 UPC language reads as follows:

Chapter 2 - Definitions

Dead Leg. A section of potable water pipe which contains water that has no flow or does not circulate.

Chapter 3 - General regulations

309.6 Dead legs. Dead legs shall have a method of flushing.

I am of the opinion that this proposal would be a lot more palatable to the committee than a complete prohibition. What do you think?

Debbie

<image002.jpg>

Deborah D. Ohler, P.E., Construction Codes Administrator

Ohio Board of Building Standards

PO Box 4009, 6606 Tussing Rd.

Reynoldsburg, OH 43068-9009

Office phone: 614-644-2613 Fax: 614-222-2147

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Better Codes, Better Buildings, Safer Ohio

This message and any response to it may constitute a public record and thus may be publicly available to anyone who requests it.

File Attachments for Item:

NB-2 MOU with OBOA to host Code Academy at Joint Conference

**MEMORANDUM OF UNDERSTANDING BETWEEN
THE OHIO BOARD OF BUILDING STANDARDS
AND
THE OHIO BUILDING OFFICIALS ASSOCIATION**

REGARDING JOINT CONFERENCE NOVEMBER 2022

THIS MEMORANDUM OF UNDERSTANDING is made and entered into effective the ____ DAY OF _____, 2022, by and between the Ohio Board of Building Standards (Board), located at 6606 Tussing Rd, Reynoldsburg, Ohio 43068 and the Ohio Building Officials Association, PO Box 1506, Columbus, Ohio 43216 (OBOA), an Ohio not-for-profit corporation.

WHEREAS, Revised Code § 3781.102 provides that each political subdivision shall collect on behalf of the Board of Building Standards (hereinafter ‘Board’) a fee equal to three per cent of the fees the political subdivision collects in connection with nonresidential building code enforcement to be used for the operating expenses of the Board and for providing services, including educational programs, to building departments certified by the Board; and

WHEREAS, Revised Code § 3781.10 requires the Board to establish the requirements and procedures for the certification of building departments and building department personnel including education and training requirements; and

WHEREAS, OBOA is a not-for-profit corporation dedicated to the professional development of certified building department personnel, and to that end, has endeavored to hold an annual conference each year to provide education and professional development to its members and the construction community; and

WHEREAS, the Board desires to partner with OBOA for preparation and presentation of instruction on Board-approved continuing education courses, to include the Ohio Building Code Academy (Code Academy), at the OBOA and the Central Ohio Code Officials Association (COCO) Annual Joint Conference to be held in Dublin, Ohio on November 6-8, 2022 (Conference); and

WHEREAS, OBOA desires to partner with the Board to present the Conference in accordance with the terms and conditions prescribed by the Board;

NOW, THEREFORE, the Board and OBOA do mutually agree as follows:

1. OBOA will arrange for the Board to offer a Code Academy track at the Conference for eligible Code Academy attendees identified by the Board in order to meet the interim certification requirement in the Fall 2022; and
2. OBOA will provide all registration services for the Conference, including Code Academy attendees, both online and at the Conference site during the event; and
3. The Board will refund OBOA the sum of \$10 per eligible Code Academy attendee for registration services; and
4. Eligible Code Academy attendees will not be charged any fee for registration to attend Board-sponsored courses including Code Academy courses; and
5. Eligible Code Academy attendees will be responsible for their own lodging, meals, and attendance at any courses/ programs not sponsored by the Board; and
6. OBOA will provide eligible Code Academy attendees with a lanyard/nametag for the purposes of tracking attendance; and
7. OBOA will provide attendance tracking services for Code Academy courses and will provide the Board with information regarding Code Academy course attendance; and
8. The Board will provide all instruction and materials related to the Code Academy courses, including: Focus Group 1 & 2, Chapter 1, Exam Prep (2 sessions), Code Archaeology (2 sessions), Inspector Skills (2 sessions), Break Out Sessions (3), 2017 OBC Chapter 34 Existing Buildings, and OBOA agrees to prioritize seating for eligible Code Academy attendees in Code Academy courses. The Board will be responsible for the all instructor fees for Code Academy courses, which are subject to instructor availability and/or contractual agreement with instructors; and
9. The Board will furnish twelve (12) additional hours of instruction at the Conference beyond the instruction provided for the Code Academy, including: one 3-hour class entitled "Special Topics in Code Administration," one 3-hour class entitled "Special Topics in Existing Buildings," and two 3-hour courses entitled "Special Inspections." The Board will be responsible for the all instructor fees for these presentations, which are subject to instructor availability and/or contractual agreement with instructors; and

10. OBOA will provide facility space and audio/visual support and equipment for all Code Academy and Board-sponsored courses at no cost to the Board; and
11. The Board will provide a bound Chapter 1 Commentary to all Conference and Code Academy attendees, at no cost to OBOA; and
12. OBOA will provide the Board with facility space for Board book distribution and support for Code Academy attendees, which will be staffed by Board staff during the entirety of the Code Academy, and that the Board will be responsible for the cost of said room, estimated to be \$1500 for the duration of the Conference by refunding OBOA the rental fee charged by the event venue; and
13. Code Academy attendees will not receive OBOA promotional items beyond printed materials given to other conference attendees at registration.

This Agreement constitutes the entire understanding between the Parties. Neither Party may further modify or amend the terms of this Agreement except by a written agreement signed by both Parties. This Agreement shall be construed under the laws of the State of Ohio.

This Agreement shall continue in force and effect until either Party terminates this Agreement for any reason whatsoever upon sixty (60) days prior written notice. Termination of this Agreement shall not affect the subsequent rights, duties, or obligations of any person certified by either Party under the terms of this Agreement while the Agreement was in effect.

On behalf of their respective Parties, the following persons, with authority to do so, hereby execute this Agreement and bind the Parties to its terms and conditions:

For the Board of Building Standards

Timothy Galvin, Chair

Date

For the Ohio Building Officials Association/Central Ohio Code Officials Associations

Robert G. Eifert

Bob Eifert
OBOA President

8/22/2022

Date

Michael Hulsey

Mike Hulsey, President
Central Ohio Code Officials Association

8/22/2022

Date