



# Board of Building Standards

## CONFERENCE MEETING AGENDA

DATE: AUGUST 20, 2021  
TIME: 1:00 PM  
LOCATION: TRAINING RM 1, 6606 TUSSING RD., REYNOLDSBURG, OHIO 43068

### Call to Order

### Roll Call

### Consideration of Minutes

[MIN-1](#) June 25, 2021 Meeting Minutes

### Certification Hearing

[CH-1](#) Conference Meeting

### Committee Reports

[CR-1](#) Certification Committee Report & Grandfather DIC Certified Plumbing Inspectors  
Effective September 30, 2021 (HB 110 Transfer of Authority)

[CR-2](#) Education Committee Report

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

[AB-1](#) Phoenix National Laboratories (Testing Lab)

### Recognition of Building Department Personnel

[RE-1](#) Complaint Summary Report

[RE-2](#) Investigation Report 21-01 Michael Bruns

RE-3 BBS Case No. BBS2019-011 (John Stigalt) Report and Recommendation

### Public Comments

### Old Business

[OB-1](#) Reconsideration of Petition 20-01 (2020 NEC)

### New Business

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

### Future Meeting Schedule

September 17, 2021	November 19, 2021
October 22, 2021	December 17, 2021

### Motion to Adjourn

**File Attachments for Item:**

MIN-1 June 25, 2021 Meeting Minutes

MINUTES  
BOARD OF BUILDING STANDARDS  
CONFERENCE MEETING & CERTIFICATION HEARING  
June 25, 2021

The Board of Building Standards Conference Meeting was called to order at 1:00 p.m., Friday, June 25, 2021 via videoconference, Chairman Timothy Galvin presiding.

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

Timothy P. Galvin, General Contractor, Chair  
Gregory Barney, Industrialized Units  
Joseph F. Denk, Jr., Mechanical Engineer  
John Johnson, Construction Materials  
Don Leach, Attorney  
Terry McCafferty, Public Member  
Don McIlroy, Mayor  
Christopher Miller, Renewable Energy  
John Pavlis, Homebuilder, Vice-Chair  
Jeff Samuelson, Architect  
Bailey Stanbery, Homebuilder  
Jeff Tyler, Architect  
Greg Warner, Fire Service  
Paul Yankie, Energy Conservation

The following Board members were absent:

Julienne Cromwell, Structural Engineer

The following staff members were present:

Megan Foley, Certification Program Administrator  
Debbie Ohler, Staff Engineer  
Jay Richards, Assistant Architect Administrator  
Rob Johnson, Assistant Architect Administrator\  
Mike Regan, IU Plans Examiner  
Brian Honen, Assistant Attorney General

A quorum of the Board was present.

The following visitors were present:

Charles Huber

### **CONSIDERATION OF THE MINUTES**

Mr. Warner moved and Mr. McCafferty seconded to approve the minutes of the May 14, 2021 Certification Hearing and Conference 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. There being no testimony, Chairman Galvin closed the hearing.

## 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 24, 2021, via videoconference, with the following members present: Mr. Denk, , Mr. Johnson, Mr. Miller, Mr. Pavlis, Mr. Samuelson, Mr. Stanbery, Mr. Tyler, and Mr. Yankie. Board Chairman Galvin was also present.

The committee report is included in the June 25, 2021 Board Meeting Packet at tab CR-1 for the Board's consideration.

### June 24, 2021 Code Committee Meeting

#### Call to Order

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

#### Approval of Minutes

Mr. Samuelson made the motion to approve the minutes of the Code Committee meetings held on March 25th, April 1st, April 22nd, and May 7th. Mr. Miller seconded the motion. The motion passed unanimously.

#### Petitions

No items for consideration

#### Recommendations of the Residential Construction Advisory Committee

No items for consideration

#### Old Business

- Staff reminded the Committee of where we are on the tentative code adoption timeline that was established earlier in the year. Although good progress has been made reviewing the 2021 model codes, much work and coordination is still ahead. Staff is also continually hearing about the impact that COVID has had on the construction industry. Construction materials are very difficult to acquire, labor availability is limited, and material costs have increased significantly. Additionally, staff has continued concerns about moving forward with the code update process at this time with the regulatory restriction laws still in place. As a result, staff recommended continuing our work, but revisiting the established code development timeline next year. The committee agreed to revisit the timeline next year and continue with the work.
- Reconsideration of action taken on Petition 20-01 (adoption of the 2020 NFPA 70) - Staff presented an issue that has surfaced regarding the new Article 210.8(F) in the 2020 edition of NFPA 70 which the Committee recently recommended for adoption without amendment. Some HVAC systems, particularly HVAC units employing power conversion equipment may not have been designed to the newest industry standards, resulting in GFCI nuisance trips. Staff explained that the NFPA standards council, in December of 2020, had voted to not issue TIA 1529, which delayed the implementation of 210.8 (F) to January 1, 2023. Two additional TIAs, one broader in scope and one almost identical to TIA 1529 have since been proposed to delay the implementation of the GFCI requirement to January 1, 2023 allowing the HVAC manufacturers time to correct the problem. Staff recommended that the committee consider the adoption of the 2020 NFPA 70 to include TIA 1593. There was much discussion about the safety aspect of the requirement, whether all manufacturers equipment had the issue, whether manufacturers had a design solution in the works, whether it made sense to delay, and how to craft and in which OBC Chapter to locate an Ohio amendment. Mr. Miller made a motion to reconsider previous action to adopt the 2020 NFPA 70 without amendments. Mr. Pavlis seconded the motion. The motion passed unanimously. Mr. Pavlis made a motion to delete the GFCI requirement for variable speed HVAC. Mr. Stanbery seconded the motion. After discussion, both Mr. Pavlis and Mr. Stanbery withdrew their motions. Mr. Pavlis made a motion to table the issue until staff drafts language, for the Committee's review, that exempts HVAC

systems employing power conversion equipment from the requirement. Mr. Miller seconded the motion and the motion passed unanimously.

- Terry Welker, representing the Ohio AIA, presented a cost impact report that evaluates moving from the currently referenced and adopted ICC/ANSI A117.1-2009 standard to the ICC/ANSI A117.1-2017 edition for new buildings only. Mr. Welker recommended that the Committee consider establishing a subcommittee to review the OBC Chapter 34 and how the ICC/ANSI A117.1-2017 applies to existing buildings. The committee was very appreciative of the analysis.
- Staff presented a letter and design concept drawings received from Mr. Jereme Kent of One Energy. Mr. Kent has had numerous communications with staff and is requesting that the Committee make a determination of whether a privately owned, managed high-voltage (138,000 V) substation located on the end-user’s property would be within the scope of the Board’s rules. Mr. Kent has been receiving different opinions from different building officials in Ohio and would like an understanding of where the Committee stands on the issue. Mr. Kent argues that his company is a utility (per the federal definition) and as such qualifies for an exception in the NEC. He expressed concern that Electrical Safety Inspectors are not familiar with high voltage systems and that if regulated by the Board’s rules, that contractor licensing issues come into play. Staff shared that further research into the Revised Code and coordination with the PUCO/OPSB is needed. No action was taken by the Committee.
- Staff summarized where we are in Ohio in terms of the commercial energy code adoption. Summaries of the newer versions of the IECC-C and the ASHRAE 90.1 standards were provided to the committee for their review. Additionally, a preliminary energy savings publication and a draft cost effectiveness publication for Ohio was prepared by PNNL and provided to the Committee for their review. Staff will attempt to line up speakers to present the ASHRAE 90.1 and the IECC-C changes to the Committee at a future date in July or August.

New Business

Adjourn

Mr. Pavlis made the motion to adjourn at 3:14 P.M. and Mr. Stanbery 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. Leach gave the committee’s report included in the Board’s Meeting packet at Tab CR-2:

The Certification Committee met in a videoconference on June 24<sup>th</sup>, 2021 at 10:00 AM, with the following members present: Mr. Leach, Mr. McCafferty, Mr. McIlroy, Mr. Samuelson, Mr. Stanbery, Mr. Tyler, and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the June 25<sup>th</sup>, 2021 Board Packet at Tab CR2, for the Board’s consideration.

Also present at the meeting were BBS Staff members, Megan Foley, Robert Johnson, and Regina Hanshaw, and guests, Division of Industrial Compliance Superintendent Geoff Eaton, Charles Huber, and Richard Ellison.

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

Certification ID	Name	Certification
2337	Barlow, Don	Residential Building Inspector
8560	Brown, Thomas	Building Inspector
6227	Cobourn, Nicholas	Residential Building Inspector
8557	Ellison, Richard	Residential Building Inspector

8493	Friedman, James	Residential Building Inspector Residential Mechanical Inspector
5561	Harris, Karen**	Building Inspector Mechanical Inspector
6157	Pastorius, Jason	Building Inspector
6362	Perno, Dan	Plumbing Plans Examiner
	Poe, Pamela	Residential Building Inspector
5156	Reich, Raymond	Mechanical Inspector
1227	Rettberg, Jeffrey	Building Official
	Rich, Clinton**	Building Inspector Building Plans Examiner
	Roesch, Connor	Building Inspector Trainee Residential Building Inspector Trainee
8554	Sargent, Kathleen	Residential Building Inspector
8542	Smith, Aaron	Non Residential Industrial Units Inspector
	Sopko, Paul	Electrical Safety Inspector*
6160	Vagase, James	Electrical Safety Inspector Trainee
8543	Varady, David	Building Inspector
2311	Wilkins, Ryan	Building Inspector
6267	Wilson, R. Heath	Master Plans Examiner Trainee
8514	Young, Patrick	Residential Building Inspector
8556	Zimpelman, Adam	Fire Alarm Systems Designer Special Hazards System Designer

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

\*\* Denotes approval conditioned on receipt of forms or fees.

Temporary Certification Suspension Requests approved:

Joseph Meyers, Cert ID: 994

Gary Pitzer, Cert ID: 1174

Michael Mihalisin, Cert ID: 999

Building Department Certifications, Manufactured Homes Inspection Agency/Inspectors

Taulbee, Don - Manufactured Homes Inspector

Committee Recommendation: Recommend approval

Personnel Certification Applications

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

Benedict, Glen - RBI

Cert ID: 8544

Current Certifications: None

Committee Recommendation: Recommend request for additional information or consider Trainee.

Elmi, Eric - BO

Cert ID: 5176

Current Certifications: BI, RBO, RMI, RBI

Committee Recommendation: Deny application, recommend applicant reapply after the building department experience conditions have been met.

Hoskins, Jimmy - ESI Additional Information

Cert ID: 8539

Current Certifications: None

ESIAC Recommendations: Work appears to be maintenance, not electrician work. Not recommended for ESI exam

Committee Recommendation: Refer back to ESIAC for examination of additional information provided after review.

Long, Charlie - ESI

Cert ID: 8558

Current Certifications: None

ESIAC Recommendations: Request additional information

Committee Recommendation: Request additional information on electrical work experience.

Nelson, Scott - BI, RBI

Cert ID: 5291

Current Certifications: None

Committee Recommendation: Request completed applications with complete information, fees.

Perotti, Tim - ESI Trainee

Cert ID: 1152

Current Certifications: BO, BI, RBO, RBI

Committee Recommendation: Request additional information and completed application with all forms.

Roesch, Connor - BI Trainee, RBI Trainee Alternative Trainee Program proposed

Cert ID:

Current Certifications: None

Committee Recommendation: Recommend approval of trainee certifications and Alternative Trainee plan.

Harris, Karen - BI, MI

Cert ID: 5561

Current Certifications: RBI

Committee Recommendation: Recommend approval pending receipt of full application and fees.

Russell, Daniel - PI

Cert ID: 1282

Current Certifications: BO, BI, ESI, RBO, RBI, RPE, RPI

Committee Recommendation: Request additional information on practical plumbing experience to meet certification requirements.

Rich, Clinton - BI, BPE

Cert ID:

Current Certifications: None

Committee Recommendation: recommend approval pending receipt of final page and application fee.

Old Business

Annual Approvals - Consider expanding scope to include building inspections

Background: DIC Superintendent Geoff Eaton has asked if the Board would consider adding building inspections to the inspection types currently allowed to receive annual approval under Ohio law.

Discussion: DIC Superintendent Geoff Eaton presented information on the purpose and use of this request, and discussed the current practices for annual approvals in other trades.

Committee Recommendation: Recommend modification of Annual Approvals rules to Code Committee.

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

Chairman Galvin called for the ayes and nays.

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 held a videoconference meeting on June 24<sup>th</sup>, 2021 at 10:00 a.m., with the following members present: Mr. McCafferty, Mr. Stanbery, Mr. Samuelson, Mr. Tyler, and Mr. Warner. Chairman Galvin was also present. The committee makes the following

recommendations, included in the June 25<sup>th</sup>, 2021 Board Packet at Tab CR3, for the Board's consideration.

Also present at the meeting were BBS Staff members, Megan Foley, Robert Johnson, and Michael Lane, and guest, Charles Huber.

Course Applications Approvals, Denials, and Conditions as Noted.

2021 IRC Update (International Code Council)  
All certifications except ESI (3.5 hours)  
Committee Recommendation: Deny

2021 OBC Update (International Code Council)  
All certifications except ESI (3.5 hours)  
Committee Recommendation: Deny

Backflow Tester (International Association of Plumbing and Mechanical Officials  
BO, BI, FPI, MI, PI, NRIUI, RBO, RMI (40 hours)  
Committee Recommendation: Deny

Introduction to Automatic Sprinkler Systems (National Fire Sprinkler Association)  
BO, MPE, BPE, FPPE, BI, FPI (3 hours)  
Committee Recommendation: Approve

Cincinnati Inspector Cross Training Part 4 (BCFA)  
Provider: Building and Fire Code Academy  
RBI, RMI (four sessions, three hours each)  
Committee Recommendation: Ratify administrative approval

Considerations of the DWV and Storm System (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)  
Committee Recommendation: Table for technical staff review, reconsider in August

Hangers and Restraints for Cast Iron Soil Pipe DWV Systems (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)  
Committee Recommendation: Table for technical staff review, reconsider in August

Joining Methods for Cast Iron Soil Pipe and Fittings (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)  
Committee Recommendation: Table for technical staff review, reconsider in August

Underground Installation Benefits of Cast Iron (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)  
Committee Recommendation: Table for technical staff review, reconsider in August

Residential Code of Ohio (HalfMoon Education)  
BO, MPE, BPE, BI, RBO, RPE (7 hours)  
Committee Recommendation: Administrative approval pending staff review: add additional certifications for approval as advised by staff.

NEC 2020- Electric Vehicles Charging Systems (Electrical League of Ohio)  
BO, MPE, BPE, EPE, BI, RBO, RPE, ESI (4 hours)  
ESIAC Recommendations: Approve, maybe shorter time.  
Committee Recommendation: Approve as submitted.

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

Chairman Galvin called for the ayes and nays.

Motion carried unanimously.



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

No items for consideration.

**BUILDING DEPARTMENT SUPPORT AND OVERSIGHT**

No items for consideration.

**PUBLIC COMMENTS**

There were no public comments.

**OLD BUSINESS**

There was no old business.

**NEW BUSINESS**

NB-1 Appointment of Executive Secretary to the Board pursuant to RC § 3781.07

Mr. Pavlis moved and Mr. John Johnson seconded to appoint Ms. Hanshaw to a six year term as Executive Secretary to the Board beginning August 14, 2021.

**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	0	Mr. Pavlis	16
Mr. Denk	16	Mr. Samuelson	16
Mr. Galvin	35	Mr. Stanbery	16
Mr. Johnson	16	Mr. Tyler	16
Mr. Leach	16	Mr. Warner	16
Mr. McCafferty	16	Mr. Yankie	16
Mr. McIlroy	16		

Mr. Warner moved and Mr. Denk 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 20, 2021	November 19, 2021
September 17, 2021	December 17, 2021
October 22, 2021	

**ADJOURNMENT**

Mr. Samuelson moved and Mr. Leach seconded to adjourn. The Board adjourned at 1:15 p.m.

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Timothy Galvin, Chairman  
Board of Building Standards

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Regina Hanshaw, Executive Secretary  
Board of Building Standards

**File Attachments for Item:**

CH-1 Conference Meeting

AUGUST 20<sup>TH</sup>, 2021

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 1:00 PM, Friday, August 20, 2021 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.

Also included in this hearing are candidates for Plumbing Inspector and Plumbing Plans Examiner, who currently hold their Plumbing Inspector certifications through the Division of Industrial Compliance. In accordance with Ohio HB 110, the certification programs are being unified under BBS certification authority, and all current certified DIC Plumbing Inspectors will be automatically transitioned into BBS certifications for Plumbing Inspector, as well as Plumbing Plans Examiner upon request. These certifications will be come effective September 30, 2021

Certification ID	Name	Certification
1722	Barnes, Patrick	Building Official
1751	Barker, Franklin	Residential Building Official
8544	Benedict, Glenn	RBI Trainee** Alternate Trainee Plan
8528	Brown, Jason	Residential Building Official
6277	Cobourn, Nicholas	Residential Building Official
5680	DiFucci, William	Building Official
8573	Duelley, Daniel	Residential Building Inspector
8569	Ellinger, Cory	Residential Industrial Unit Inspector
6378	Gladwell, Michael T	Building Inspector Trainee
8539	Hoskins, Jimmy	Building Inspector
		Electrical Safety Inspector Trainee
715	Jewett, Timothy	Building Official
8580	Johnson, Dusty	Electrical Safety Inspector*
8566	Kanis, George	Electrical Safety Inspector*
8546	Kelly, Martin	Residential Building Inspector
800	Kranbuhl, Timothy	Building Inspector
		Residential Building Official
8571	Kubish, Eric	Electrical Safety Inspector*
8572	Leitner, Robert	Building Inspector
8558	Long, Charlie	Electrical Safety Inspector*
8575	Matthews, Paul	Plumbing Inspector
4757	Murray, Theeotis	Residential Building Official

1152	Perotti, Tim	Electrical Safety Inspector Trainee
5535	Power, Phillip	Building Inspector
5344	Schmitt, James	Residential Building Official
		Residential Plans Examiner
1351	Shorter, Andrew	Building Official
5925	Slaughter, Patrick	Building Inspector
8578	Taylor, Jeff	Residential Industrial Unit Inspector
6383	Teaney, Ryan	Electrical Safety Inspector Trainee
6376	Wakefield, Alexandria	Building Inspector
1677	Young, James C	Building Official
8559	Youse, David	Master Plans Examiner
	Rosium, Reed	Automatic Sprinkler System Designer
		Fire Alarm System Designer
		Special Hazards System Designer
	David, James	Automatic Sprinkler System Designer
	Wintill, James	Automatic Sprinkler System Designer
8528	Brown, Jason	Residential Building Official
	Carney, Matthew	Fire Alarm Systems Designer

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

\*\* Denotes approval conditioned on receipt of forms or fees.

#### **Building Department Certifications, Manufactured Homes Inspection Agency/Inspectors**

Village of Bremen Commercial Subdepartment

On the condition that Fairfield County provides all enforcement

Exceptions: Plumbing, Med Gas

Elmwood Place Commercial Department

New contract with XPEX

Exceptions: Plumbing, Med Gas

Pleasantville New Commercial Department

On Condition that Fairfield County provide all enforcement

Exceptions: Plumbing, Med Gas

Yellow Springs Commercial Department

In Contract with NIC for enforcement

Exceptions: Plumbing, Med Gas

Yellow Springs Residential Department

In Contract with NIC for all enforcement

Exceptions: Plumbing, Med Gas

Guernsey County Commercial Department - Modify  
 On condition that Muskingum County perform all enforcement  
 Exceptions: Plumbing, Med Gas

**Plumbing Inspector Certifications to be issued administratively,  
 effective September 30, 2021**

DIC Cert ID	NameFirst	NameMiddle	NameLast
K02007	JAY	STEVEN	ABNER
K00517	MARK	P	ALLEN
K02075	MATTHEW	R	ALLEN
K00901	JOHN	J	BAILEY
K00725	DAVID	R	BAKER
K00933	RONALD	K	BARTLEY
K00727	AARON	W	BEERY
K00953	LANCE	W	BEGOON
K02070	JOHN	A	BINKLEY
K00551	EDWARD	C	BISSLER
K00681	SCOTT	A	BLANKENSHIP
K00876	DWIGHT	A	BRILL
K00253	RONALD	E	BUCKLEY
K00694	MARK	A	BURNETT
K00700	VERNON	E	BUYER
K00954	JOHN	M	CLARY
K00623	DOUGLAS	S	COLLINS
K02059	VICTOR	D	CINGOLANI
K00580	DALE	A	COOPER
K02074	RUSSELL	W	CROMWELL
K02042	JON	D	CROWE
K00558	FRANK	B	CZAKO
K02035	SCOTT	EUGENE	DAVIS
K00884	DARRIN	RAY	DAWSON
K02011	DWAYNE	C	DEAN
K00559	FRANK	R	DELUCA
K02053	JOHN	O	DIETRICH
K00664	WILLIAM	D	DOPF
K00855	GAYLE	R	DUNCAN
K00616	EDWARD	J	EBLING
K00703	WILLIAM	E	FLING
K00584	GREGORY	J	FLUM

K00918	JERRY	NULL	FREDERICK
K02071	JAMES	E	FRIEDMAN
K00975	STEVE	NULL	FRYMAN
K00771	MICHAEL	T	GALLAGHER
K00917	KEITH	D	GEIGER
K02015	JOHN	F	GETCE
K02052	NATHANAEL	D	GREENE
K00966	JOHN	C	HANZEL
K00763	DONALD	L	HARTMAN
K00002	TIM	W	HEATHER
K00708	JEFFREY	S	HENRY
K02008	FRANK	W	HOFFMAN
K00921	WILLIAM	C	HOOTMAN
K00592	LISA	M	HUMBLE
K00456	STEVEN	F	HUNTER
K02043	DOUGLAS	A	JACKSON
K00618	KEVIN	B	JESTER
K00709	RICHARD	A	JEWELL
K02041	WALTER	G	KEIGLEY
K02049	QUINN	MICHAEL	KILLEEN
K02073	MARK	NULL	KUHN
K00742	ROBERT	P	LEWIS
K00942	RUSTY	NULL	LEYES
K00565	JAY	E	LITTEN
K00629	EDWARD	A	MANN
K02072	GERALD	C	MARTIN
K02025	JAMES	P	MAY
K00963	TONY	A	MEO
K02065	JESSE	NULL	MERRY
K02033	GUY	E	MILLER
K02060	ROBERT	K	MORTON
K00870	ANTHONY	NULL	NOLFI
K02006	JOSEPH	DAVID	NUGENT
K00864	MARY	L	NUTTER
K02058	KRISTOPHER	D	OLSZEWSKI
K00934	BRIAN	J	ORES
K00688	MICHAEL	R	ORRIS
K00712	HAROLD	E	OURS
K00689	E	STEVEN	PARKER
K00964	KEVIN	NULL	PLOUTZ
K02046	MATTHEW	R	POLENZ

K02003	CHRISTOPHER	E	PRICE
K00877	ROBERT	E	PRITCHARD
K02066	THOMAS	D	RACKE
K02040	DAVID	A	RASPER
K02068	JASON	NULL	RATAI
K00925	DANIEL	B	RAYL
K00691	BRIAN	R	RAYMOND
K00799	KENNETH	E	REYNOLDS
K00716	CHARLES	D	ROBINSON
K02067	JAMIE	P	ROWLEY
K00642	MARY	E	SANNA
K02057	NATHAN	J	SCHARDT
K00633	MICHAEL	E	SCHLABACH
K00634	KELLY	R	SHEPHERD
K02014	MICHAEL	A	SLONE
K00957	MYRON	J	SLYKERMAN
K02027	GABRIEL	ALLEN	SMITH
K00571	TOM	A	SPAYTH
K00752	DANIEL	L	STAINBROOK
K00974	CHRISTOPHER	M	STEPHENS
K00956	MARK	E	STEWART
K02069	FRANK	M	WADDLE
K02061	DAVID	J	WALTER
K00523	DANA	K	WILLIAMS



**Plumbing Plans Examiner Certifications to be issued administratively,  
effective September 30, 2021**

DIC Cert ID	First Name	MI	Last Name	BBS Cert ID
K00517	Mark	P	Allen	
K00725	David		Baker	
K00728	Ronald		Branson	152
K00876	Dwight		Brill	
K00729	August		Cerrone	4973
K00954	John	M	Clary	
K00885	Scott		Davis	339
K02035	Scott	E	Davis	
K00664	William	D	Dopf	
K00499	William	A	Felger	448
K00791	Terry		Haughn	603
K00708	Jeff		Henry	
K00759	Dale	D	Hoover	653
K00592	Lisa		Humble	
K00629	Edward	A	Mann	
K00650	Patrick	B	McMillen	2817
K00963	Tony		Meo	
K00746	Robert	L	Nitzsche	1090
K00903	John		Perram	1153
K00888	Thomas		Pullins	5205
k02066	Thomas		Racke	
K00799	Kenneth		Reynolds	
K02057	Nathan		Schardt	
k00902	Ronald	A	Schmit	2840
K00912	Wyatt		Simons	1366
K00957	Myron		Slykerman	
K02069	Frank	M	Waddle	
K00550	Robert		Weber	2299

**File Attachments for Item:**

CR-1 Certification Committee Report & Grandfather DIC Certified Plumbing Inspectors Effective September 30, 2021 (HB 110 Transfer of Authority)



## Board of Building Standards

### CERTIFICATION COMMITTEE MEETING REPORT

The Certification Committee met in person on August 20<sup>th</sup>, 2021 at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. Leach, Ms. Cromwell, Mr. Samuelson, Mr. Stanbery, Mr. Tyler, and Mr. Warner. Board Chairman Timothy Galvin was also present. The Committee makes the following recommendations, included in the August 20<sup>th</sup>, 2021 Board Packet at Tab CR1, for the Board's consideration, **including** approval of Division of Industrial Compliance Plumbing Inspectors for BBS Plumbing Inspector and Plumbing Plans Examiner certification.

Also present at the meeting were BBS Staff members, Megan Foley, Robert Johnson, and Regina Hanshaw.

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

Certification ID	Name	Certification
1722	Barnes, Patrick	Building Official
1751	Barker, Franklin	Residential Building Official
8544	Benedict, Glenn	RBI Trainee** Alternate Trainee Plan
8528	Brown, Jason	Residential Building Official
6277	Cobourn, Nicholas	Residential Building Official
5680	DiFucci, William	Building Official
8573	Duelley, Daniel	Residential Building Inspector
8569	Ellinger, Cory	Residential Industrial Unit Inspector
6378	Gladwell, Michael T	Building Inspector Trainee
8539	Hoskins, Jimmy	Building Inspector
		Electrical Safety Inspector Trainee
715	Jewett, Timothy	Building Official
8580	Johnson, Dusty	Electrical Safety Inspector*
8566	Kanis, George	Electrical Safety Inspector*
8546	Kelly, Martin	Residential Building Inspector
800	Kranbuhl, Timothy	Building Inspector
		Residential Building Official
8571	Kubish, Eric	Electrical Safety Inspector*
8572	Leitner, Robert	Building Inspector
8558	Long, Charlie	Electrical Safety Inspector*
8575	Matthews, Paul	Plumbing Inspector
4757	Murray, Theeotis	Residential Building Official
1152	Perotti, Tim	Electrical Safety Inspector Trainee

**Timothy Galvin, Chairman**

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5535	Power, Phillip	Building Inspector
5344	Schmitt, James	Residential Building Official Residential Plans Examiner
1351	Shorter, Andrew	Building Official
5925	Slaughter, Patrick	Building Inspector
8578	Taylor, Jeff	Residential Industrial Unit Inspector
6383	Teaney, Ryan	Electrical Safety Inspector Trainee
6376	Wakefield, Alexandria	Building Inspector
1677	Young, James C	Building Official
8559	Youse, David	Master Plans Examiner

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

\*\* Denotes approval conditioned on receipt of forms or fees.

Plu

### **Building Department Certifications, Manufactured Homes Inspection Agency/Inspectors**

Village of Bremen Commercial Subdepartment

On the condition that Fairfield County provides all enforcement

Exceptions: Plumbing, Med Gas

Elmwood Place Commercial Department

New contract with XPEX

Exceptions: Plumbing, Med Gas

Pleasantville New Commercial Department

On Condition that Fairfield County provide all enforcement

Exceptions: Plumbing, Med Gas

Yellow Springs Commercial Department

In Contract with NIC for enforcement

Exceptions: Plumbing, Med Gas

Yellow Springs Residential Department

In Contract with NIC for all enforcement

Exceptions: Plumbing, Med Gas

Guernsey County Commercial Department - Modify

On condition that Muskingum County perform all enforcement

Exceptions: Plumbing, Med Gas

### **Personnel Certification Applications**

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

**Timothy Galvin, Chairman**

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Barbosa, Phillip - BPE  
Cert ID: 8577  
Current Certifications: None  
Committee Recommendation: Request additional information on commercial experience.

Blair, Tracy - PI  
Cert ID: 8579  
Current Certifications: None  
Staff Notes: Review experience for qualifying work.  
Committee Recommendation: Request additional information on specific plumbing experience.

Lamar, Rodney - PI  
Cert ID: 8567  
Current Certifications: None  
Committee Recommendation: Request additional information on specific plumbing experience, journeyman card.

Cotto, Juan - BI  
Cert ID:  
Current Certifications: None  
Committee Recommendation: Request additional information on commercial structural work

#### **Old Business**

- OB-1 BBS2021-001 Michael Bruns Investigation Report
  - OB-2 BBS2019-011 Stigalt Hearing Officer Report and Recommendation
- Committee was updated as to status.

#### **New Business**

##### **Plumbing Certification Unification**

With recent changes in the law regarding plumbing certification governance, board staff has been working with the Division of Industrial Compliance plumbing division to identify the DIC certified personnel who do not yet hold BBS certification and communicate the change to them as well as BBS and DIC certified personnel who may not hold the plumbing plans examiner certification.

Board staff will issue new certifications for DIC certified plumbing inspectors and send certification cards to them before September 30.

Extending interim certification periods for personnel expiring July 2021 through December 2021  
Board staff has received some requests for extension of certifications that were outside the extension previously granted for interim and trainee personnel, given that the pandemic affected their ability to attend Code Academy and take tests in the same way that the previously extended personnel were affected.

Committee Recommendation: All interim and trainee certifications expiring between July 1, 2021 and December 31, 2021 extended to December 31, 2021.

##### **Complaint Summary Report**

**Timothy Galvin, Chairman**

Can an agency other than a political subdivision department or a dedicated building department services organization sponsor an ESI trainee?

Committee Recommendation: Will consider individual trainee plan when submitted.

**Plumbing Inspector Certifications to be issued administratively, effective September 30, 2021**

ReferenceFile	NameFirst	NameMiddle	NameLast
K02007	JAY	STEVEN	ABNER
K00517	MARK	P	ALLEN
K02075	MATTHEW	R	ALLEN
K00901	JOHN	J	BAILEY
K00725	DAVID	R	BAKER
K00933	RONALD	K	BARTLEY
K00727	AARON	W	BEERY
K00953	LANCE	W	BEGOON
K02070	JOHN	A	BINKLEY
K00551	EDWARD	C	BISSLER
K00681	SCOTT	A	BLANKENSHIP
K00876	DWIGHT	A	BRILL
K00253	RONALD	E	BUCKLEY
K00694	MARK	A	BURNETT
K00700	VERNON	E	BUYER
K00954	JOHN	M	CLARY
K00623	DOUGLAS	S	COLLINS
K02059	VICTOR	D	CINGOLANI
K00580	DALE	A	COOPER
K02074	RUSSELL	W	CROMWELL
K02042	JON	D	CROWE
K00558	FRANK	B	CZAKO
K02035	SCOTT	EUGENE	DAVIS
K00884	DARRIN	RAY	DAWSON
K02011	DWAYNE	C	DEAN
K00559	FRANK	R	DELUCA
K02053	JOHN	O	DIETRICH
K00664	WILLIAM	D	DOPF
K00855	GAYLE	R	DUNCAN
K00616	EDWARD	J	EBLING
K00703	WILLIAM	E	FLING
K00584	GREGORY	J	FLUM
K00918	JERRY	NULL	FREDERICK
K02071	JAMES	E	FRIEDMAN

**Timothy Galvin, Chairman**

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K00975	STEVE	NULL	FRYMAN
K00771	MICHAEL	T	GALLAGHER
K00917	KEITH	D	GEIGER
K02015	JOHN	F	GETCE
K02052	NATHANAEL	D	GREENE
K00966	JOHN	C	HANZEL
K00763	DONALD	L	HARTMAN
K00002	TIM	W	HEATHER
K00708	JEFFREY	S	HENRY
K02008	FRANK	W	HOFFMAN
K00921	WILLIAM	C	HOOTMAN
K00592	LISA	M	HUMBLE
K00456	STEVEN	F	HUNTER
K02043	DOUGLAS	A	JACKSON
K00618	KEVIN	B	JESTER
K00709	RICHARD	A	JEWELL
K02041	WALTER	G	KEIGLEY
K02049	QUINN	MICHAEL	KILLEEN
K02073	MARK	NULL	KUHN
K00742	ROBERT	P	LEWIS
K00942	RUSTY	NULL	LEYES
K00565	JAY	E	LITTEN
K00629	EDWARD	A	MANN
K02072	GERALD	C	MARTIN
K02025	JAMES	P	MAY
K00963	TONY	A	MEO
K02065	JESSE	NULL	MERRY
K02033	GUY	E	MILLER
K02060	ROBERT	K	MORTON
K00870	ANTHONY	NULL	NOLFI
K02006	JOSEPH	DAVID	NUGENT
K00864	MARY	L	NUTTER
K02058	KRISTOPHER	D	OLSZEWSKI
K00934	BRIAN	J	ORES
K00688	MICHAEL	R	ORRIS
K00712	HAROLD	E	OURS
K00689	E	STEVEN	PARKER
K00964	KEVIN	NULL	PLOUTZ
K02046	MATTHEW	R	POLENZ
K02003	CHRISTOPHER	E	PRICE

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K00877	ROBERT	E	PRITCHARD
K02066	THOMAS	D	RACKE
K02040	DAVID	A	RASPER
K02068	JASON	NULL	RATAI
K00925	DANIEL	B	RAYL
K00691	BRIAN	R	RAYMOND
K00799	KENNETH	E	REYNOLDS
K00716	CHARLES	D	ROBINSON
K02067	JAMIE	P	ROWLEY
K00642	MARY	E	SANNA
K02057	NATHAN	J	SCHARDT
K00633	MICHAEL	E	SCHLABACH
K00634	KELLY	R	SHEPHERD
K02014	MICHAEL	A	SLONE
K00957	MYRON	J	SLYKERMAN
K02027	GABRIEL	ALLEN	SMITH
K00571	TOM	A	SPAYTH
K00752	DANIEL	L	STAINBROOK
K00974	CHRISTOPHER	M	STEPHENS
K00956	MARK	E	STEWART
K02069	FRANK	M	WADDLE
K02061	DAVID	J	WALTER
K00523	DANA	K	WILLIAMS

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**Plumbing Plans Examiner Certifications to be issued administratively, effective September 30, 2021**

DIC Cert ID	First Name	MI	Last Name	BBS Cert ID
K00517	Mark	P	Allen	
K00725	David		Baker	
K00728	Ronald		Branson	152
K00876	Dwight		Brill	
K00729	August		Cerrone	4973
K00954	John	M	Clary	
K00885	Scott		Davis	339
K02035	Scott	E	Davis	
K00664	William	D	Dopf	
K00499	William	A	Felger	448
K00791	Terry		Haughn	603
K00708	Jeff		Henry	
K00759	Dale	D	Hoover	653
K00592	Lisa		Humble	
K00629	Edward	A	Mann	
K00650	Patrick	B	McMillen	2817
K00963	Tony		Meo	
K00746	Robert	L	Nitzsche	1090
K00903	John		Perram	1153
K00888	Thomas		Pullins	5205
k02066	Thomas		Racke	
K00799	Kenneth		Reynolds	
K02057	Nathan		Schardt	
k00902	Ronald	A	Schmit	2840
K00912	Wyatt		Simons	1366
K00957	Myron		Slykerman	
K02069	Frank	M	Waddle	
K00550	Robert		Weber	2299

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**File Attachments for Item:**

CR-2 Education Committee Report



## Board of Building Standards

### EDUCATION COMMITTEE MEETING REPORT

The Education Committee met in person on August 20<sup>th</sup>, 2021 at Training Room 3, 6606 Tussing Road at 10:00 AM, with the following members present: Mr. Stanbery, Ms. Cromwell, Mr. Samuelson, Mr. Tyler, and Mr. Warner. Chairman Galvin was also present. The committee makes the following recommendations, included in the August 20<sup>th</sup>, 2021 Board Packet at Tab CR2, for the Board's consideration.

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

#### **Course Applications Approvals, Denials, and Conditions as Noted.**

##### **Approve the following without condition:**

2017 vs 2020 NEC Analysis of Changes (International Association of Electrical Inspectors)  
All certifications except plumbing and IU certifications (30 hours - four 7.5-hour sessions)

Building Enclosures Detailing and Evaluation (Wiss Janney Elstner - OBOA-ODPCA Conference)  
BO, MPE, BPE, BI, NRIUI, RBO, RPE, RBI, RIUI (1 hour)

Choices of Air Barriers for Commercial Enclosures (Parksite - OBOA-ODPCA Conference)  
All certifications except ESI (1 hour)

Electrified Hardware Facts and Myths (Allegion - OBOA/ODPCA Conference)  
All Commercial Certifications (1 hour)

Firewall Solutions for Wood-Framed Construction (Simpson Strong-Tie)  
BO, MPE, BPE, BI, NRIUI, RBO, RPE, RBI, RIUI (1 hour)

The Future of Fire-Rated Glass and Framing (Allegion - OBOA/ODPCA Conference)  
BO, MPE, BPE, PPE, EPE, MechPE, FPPE, BI, FPI, MI, PI, NRIUI (1 hour)

Solar Photovoltaics and the NEC (Full Course) (Matthews Electrical Services)  
All Certifications Except Plumbing (8 hours)  
Staff Notes: This is the full version of this course. Also on this agenda are submissions for Part 1 and Part 2 separately. The full version is intended for the classroom, the two-part version is intended for a webinar. The slides and instructor bio for both versions are the same.

Solar Photovoltaics and the NEC Part 1 (Matthews Electrical Services)  
All Certifications except Plumbing

Solar Photovoltaics and the NEC Part 2 (Matthews Electrical Services)  
All Certifications except Plumbing (4 hours)

Codes and Egress (Allegion - OBOA/ODPCA Conference)  
BO, MPE, BPE, PPE, EPE, MechPE, FPPE, ESI, BI, FPI, MI, PI, NRIUI (1 hour)

Hardware for Healthcare Openings (Allegion - OBOA/ODPCA Conference)  
All Commercial Certifications (1 hour)

NEC 2020 Electric Vehicles Charging Systems (Electrical League of Ohio)  
ESI, BO, MPE, BPE, EPE, BI, RBO, RPE (4 hours)

Considerations of the DWV and Storm System (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)

#### **Approved for conference only:**

Hangers and Restraints for Cast Iron Soil Pipe DWV Systems (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)

Underground Installation Benefits of Cast Iron (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)

Joining Methods for Cast Iron Soil Pipe and Fittings (Ohio Assn of Plumbing Inspectors)  
All certifications (1 hour)  
Committee Recommendation: Recommend approval pending changes to course to comply with OPC -- conference only.

#### **Courses denied approval**

Fire Door Systems for Elevator Lobbies (McKeon Door - OBOA/ODPCA Conference)  
All Certifications (2 hours)  
Committee Recommendation: Based on 2021 code, not recommended for approval.

Fire Door Systems for Vertical Opening Separations (McKeon Door - OBOA/ODPCA Conference)  
All Certifications (2 hours)  
Committee Recommendation: Based on 2021 code, not recommended for approval.

Understanding the UL Fire Resistance Directories, Various Assemblies (National Gypsum - OBOA-ODPCA Conference)  
BO, MPE, BPE, BI, FPI, MI, PI, NRIUI, RBO, RPE, RBI, RMI, RIUI (2 hours)  
Committee Recommendation: Based on Gypsum Association 2021 standard, GA600, which is not currently referenced in Ohio. Not recommended for approval.

**File Attachments for Item:**

AB-1 Phoenix National Laboratories (Testing Lab)

## 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	Certific+H5:H7ate 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
112	N/A	N/A	Phoenix National Laboratories Inc.	Amber Trees, PE amber@pnlttest.com 602- 431-8887	8/9/2021	PJLA	Y	Y	8/20/2021	3/4/2021	X								
111	3/4/2021	N/A	SGS North America Inc.Farmington, NY	Daniel KohlerQuality Mgr 631-293-8944 daniel.kohler@SGS.com	3/3/2021	A2LA	Y	Y	3/26/2021	3/4/2021	X								
110	Exenpt	N/A	Intertek - Architectural Testing Inc. Plano, TX location	Andrew Cost 469-814-0687 andrew.cost@intertek.com	10/7/2020	IAS	Y	Y	10/23/2020	10/23/2020	X								
109	Exenpt	N/A	P.E.I. ES LLC	Stephanie Floyd Asst Director of Product Evaluations sfloyd@p-e-i.com 574-533-0337	8/17/1930	IAS	Y	Y	[8/28/20]	8/31/2020		X							
108	Exempt	N/A	Eurofins MET Laboratories Inc. Union City, CA	Jonathan Fuhrman, QA Manager	6/22/2020	A2LA / SCC	Y	Y	[8/28/20]	7/2/2020 [8/28/20]	X		X						
107	Exempt	N/A	Eurofins MET Laboratories Inc. Baltimore, MD	Jonathan Fuhrman, QA Manager	6/22/2020	A2LA / SCC	Y	Y	[8/28/20]	7/2/2020 [8/28/20]	X		X	X					
106	Exempt	N/A	Eurofins MET Laboratories Inc. Austin, TX	Jonathan Fuhrman, QA Manager	6/22/2020	A2LA / SCC	Y	Y	[8/28/20]	7/2/2020 [8/28/20]	X		X						
105	Exempt	NEW	Steel Deck Institute 2661 Clearview Road Allison Park, PA 15101	Robert Paul P.E., Managing Director 412- 487-3325 bob@sdi.org	3/5/2020	ANSI (Member)	Y	Y	4/24/2020	4/27/2020									X
104	Exempt	NEW	Consulting Services Inc. of Kentucky (CSI) Cincinnati location 11785 Highway Drive Cincinnati, Ohio 45241	Joe Burkhardt , P.E. Principal Geotechnical Engineer jburkhardt@csiohio.com / 513.252.2059 Applicant: Jerimy Childress	2/20/2020	AAP	Y	Y	2/28//2020	3/3/2020	X								
103	Exempt	NEW	TUV SUD America Inc. 10 Technology Drive Peabody, MA 01960	Stephen Lee Certification Engineer/Safety Officer CRT, Product Safety NRTL/SCC Senior Product Specialist Stephen.Lee@tuvsud.comPH : 978-573-2530	12/4/19 and 2/25/20	AAP	Y	Y	2/28//2020	3/3/2020	X		X		X		X		

Ohio Board of Building Standards  
Update status of Conformity Assessment Bodies

102	1/20/21 EM	NEW	SBC Research Institute 6300 Enterprise Lane Madison, WI 53719	John Arne, Executive Director/ Director of Inspection Services-IB jarne@qualtim.com 608-310-6702 Michael Fehling-TL mfehling@qualtim.com 608-310-6720	10/21/2019	ANSI	N	Y	11/15//2019	11/22/2019	X			X					
101		NEW	Testing Engineers, Inc. 2811 Teagarden St San Leandro, CA 94577	Dan Watanabe / danw@testing-Engineers.com / 510-835-3142	10/10/2019	IAS	N	Y	11/15//2019	11/22/2019	X								
100		NEW	LabTest Certification Inc. #112 - 3255 Pepper Lane Las Vegas, Nevada 89120	Kavinder Dhillon kdhillon@labtestcert.com	8/27/2019	IAS / SCC	Y	Y	9/6/2019	9/6/2019	X		X	X	X		X		
99		NEW	Element Materials Technology Inc. 3922 Delaware Avenue Des Moines, Iowa 50313	Michele Gaabo michele.gaabo@element.com T 651-659-7521	8/21/2019	A2LA	Y	Y	9/6/2019	9/6/2019	X								
98		NEW	Steel Joist Institute 140 West Evans Street, Suite 203, Florence, SC 29501	J. Kenneth Charles, III Managing Director T 843-407-4091 Ken Charles <kcharles@steeljoist.org>	6/20/2019	ANSI	Y	Y	6/21/2019	7/3/2019									X
97	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. -Richmond, British Columbia, Canada	Abdool Azaad 416-747-4322 abdool.azaad@csagroup.org	1/9/19	AAP	Y	Y	1/25/2019		X								
96	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. -Pointe- Claire, Quebec, Canada	Abdoob Azaad 416-747-4322 abdool.azaad@csagroup.org +F20:F25	1/9/19	AAP	Y	Y	1/25/2019		X								
95	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. - Guangzhou, Guangdong Province, China	Abdoob Azaad 416-747-4322 abdool.azaad@csagroup.org	1/9/19	AAP	Y	Y	1/25/2019		X								
94	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. -Edmonton, Alberta, Canada	Abdoob Azaad 416-747-4322 abdool.azaad@csagroup.org	1/9/19	AAP	Y	Y	1/25/2019		X								
93	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. - Irvine, CA	Abdoob Azaad 416-747-4322 abdool.azaad@csagroup.org	1/9/19	AAP	Y	Y	1/25/2019		X								
92	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. - Toronto, Ontario, Canada	Abdoob Azaad 416-747-4322 abdoob.azaad@csagroup.org	1/9/19	AAP	Y	Y	1/25/2019		X		X						
91	9/24/2020 EM	NEW	CSA Group Testing and Certification, Inc. -Cleveland, Ohio	Abdool Azaad 416-747-4322 abdool.azaad@csagroup.org	12/13/18	AAP	Y	Y	1/25/2019		X				X				
90		NEW	ATC Group Services LLC	Keith Arend 513-771-2112 keith.arend@atcgs.com	3/30/18	AAP	Y	Y	6/1/2018	4/16/2018 Admin.	X								
89		NEW	Intertek, Duluth, GA	Craig Davenport 607-753-6711 craig.davenport@intertek.com	9/29/17	IAS	Y	Y	11/16/2017	11/17/2017					X				

Ohio Board of Building Standards  
Update status of Conformity Assessment Bodies

88		NEW	Intertek, Kista, SWEDEN	Craig Davenport 607-753-6711 craig.davenport@intertek.com	29/9/2017	IAS	Y	Y	11/16/2017	11/17/2017				X					
87		NEW	Intertek, Hong Kong, ROC	Craig Davenport 607-753-6711 craig.davenport@intertek.com	9/X29/2017	IAS	Y	Y	11/16/2017	11/17/2017				X					
86		NEW	Professional Services Industries, Inc. GIRARD OH (Intertek)	Scott Hynes, Branch Mgr. 330-759-0288 scott.hynes@psiusa.com	6/25/2017 / 8/21/17	AAP	Y	Y	08/25/2017	09/15/2017	X								
85		NEW	Professional Services Industries, Inc. DAYTON OH (Intertek)	Andy Schlarman, P.E., Branch Mgr. 937-898-1200 andy.schlarman@psiusa.com	6/25/2017	AAP	Y	Y	08/25/2017	9/15/17 Rev 11/03/17	X								
84		NEW	Professional Services Industries, Inc. CANTON OH (Intertek)	Lonnie Mills 330-478-0081 lonnie.mills@intertek.com	6/25/2017	AAP	Y	Y	08/25/2017	9/15/17 Rev 11/3/17	X								
83		NEW	Professional Services Industries, Inc. COLUMBUS OH (Intertek)	Michael Mazzolli, V.P. 614-876-8000 mike.mazzolli@psiusa.com	6/25/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
82		NEW	Professional Services Industries, Inc. CINCINNATI OH (Intertek)	Jason Barber, Branch Mgr 513-489-1460 jason.barber@psiusa.com	6/25/2017	AAP	Y	Y	08/25/2017	9/25/17 Rev 11/09/17	X								
81		NEW	CTL Engineering, Inc. (Cincinnati, OH)	Donald Pierce 614-824-3531 dpierce@ctleng.com	7/18/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
80		NEW	CTL Engineering, Inc. (Wapakoneta, OH)	Donald Pierce 614-824-3531 dpierce@ctleng.com	7/18/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
79		NEW	CTL Engineering, Inc. (Brunswick, OH)	Donald Pierce 614-824-3531 dpierce@ctleng.com	7/18/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
78		NEW	CTL Engineering, Inc. (Indianapolis, IN)	Donald Pierce 614-824-3531 dpierce@ctleng.com	7/18/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
77		NEW	CTL Engineering, Inc. (Minford, OH)	Donald Pierce 614-824-3531 dpierce@ctleng.com	7/18/2017	AAP	Y	Y	08/25/2017	09/15/2017	X								
76		NEW	Farabaugh Engineering and Testing	Daniel Farabaugh 412-751-4001 FETLABS@AOL.com	6/30/2017	PJLA	Y	Y	08/28/2017	09/14/2017	X			X					
75		4/14/2017	Liftestitut B.V.	Vincent Terlingen Manager Quality Assurance 31(0)20 4350606 terlingen.vincent@liftestitut.nl	3/7/2017	ANSI	Y	Y	04/14/2017	04/14/2017		X	X						
74		6/26/2017	TPI-Truss Plate Institute	Mike Cassidy 703-683-1010 mcassidy@tpinst.org	1/31/2017	IAS	Y	Y	03/03/2017	02/08/2017						X			X
73	5/29/2020 EM	6/9/2017	PFS CORPORATION dba PFS TECO	James Husom 608-839-1013 jim.husom@pfsteco.com	7/15/2016	SCC, IAS	Y	Y	08/19/2016	08/23/2016	X	X	X	X					
72		5/18/2018	UnderWriters Laboratories LLC	Rick Titus 847-664-3281 Rick.A.Titus@ul.com	5/17/2018	IAS, ANSI	Y	Y	07/08/2016	sent admin ltr 06/09/16	X			X	X	X			
71		7/17/2017	CTL Engineering, Inc. (Fisher Road Columbus, OH)	Donald Pierce 614-824-3531 dpierce@ctleng.com	3/9/2016	AAP	Y	Y	04/08/2016	sent admin ltr 03/21/16	X								
70		6/20/2017	Diversified Testing Laboratories, Inc.	Bobby Puett 336-227-7710 bpuett@diversifiedtestinglabs.com	3/3/2016	A2LA	Y	Y	03/04/2016	03/04/2016	X								



Ohio Board of Building Standards  
Update status of Conformity Assessment Bodies

69			Commercial Testing Company, Inc.	Jonathan Jackson Jr. President 706-278-3935 JJJ@CommercialTesting.com	2/3/2016	NVLAP	Y	Y	03/04/2016	sent admin ltr 02/17/16	X								
68		7/31/2017	QAI Laboratories-Tulsa, OK	Jarred Johnson ASQ-CQA Corporate Quality Mgr 604-527-8378 jjohnson@qai.org	1/29/2016	IAS	Y	Y	03/04/2016	sent admin ltr 02/17/16	X								
67		7/31/2017	QAI Laboratories-Vaughan (formally Mississauga), ON, Canada	Jarred Johnson ASQ-CQA Corporate Quality Mgr 604-527-8378 jjohnson@qai.org	1/29/2016	IAS	Y	Y	03/04/2016	sent admin ltr 02/17/16	X								
66		7/31/2017	QAI Laboratories-Rancho Cucamonga, CA	Jarred Johnson ASQ-CQA Corporate Quality Mgr 604-527-8378 jjohnson@qai.org	1/29/2016	IAS	Y	Y	03/04/2016	sent admin ltr 02/17/16	X		X	X	X				
65		7/31/2017	QAI Laboratories-Burnaby (formally Coquitlam), BC Canada	Jarred Johnson ASQ-CQA Corporate Quality Mgr 604-527-8378 jjohnson@qai.org	1/29/2016	IAS	Y	Y	03/04/2016	sent admin ltr 02/17/16	X		X	X	X				
64		1/18/2018	Resource International, Inc. - Cincinnati, OH	Dane Redinger 614-823-4949 daner@resourceinternational. com	1/26/2016	AAP	Y	Y	04/08/2016	sent admin ltr 3/25/16	X								
63		1/18/2018	Resource International, Inc. - Cleveland, OH	Dane Redinger 614-823-4949 daner@resourceinternational. com	1/26/2016	AAP	Y	Y	04/08/2016	sent admin ltr 3/25/16	X								
62		1/18/2018	Resource International, Inc. - Columbus, OH	Dane Redinger 614-823-4949 daner@resourceinternational. com	1/26/2016	AAP	Y	Y	04/08/2016	sent admin ltr 3/25/16	X								
61		6/29/2017	Mannik and Smith Group, Inc.	Dean Niese, COO 419-891-2222 dniese@manniksmithgroup.c om	1/21/2016	AAP	Y	Y	03/04/2016	sent admin ltr 02/17/16	X								
60		1/18/2018	SME Kirtland, Ohio Location	Anthony Jarem, P.E. 440-256-6500 jarem@sme-usa.com	1/5/2016	AAP	Y	Y	04/08/2016	sent admin ltr 03/25/16	X								
59		1/17/2018	SGS North America- CRS Fairfield NJ	Christopher Frie 937-461-7914 christopher.frie@SGS.com	12/17/2015	IAS / SCC / ANSI	Y	Y	03/04/2016	sent admin 02/01/16	X			X					
57		6/21/2017	IAPMO EVALUATION SERVICE [UES]	Shirley Dewi 909-230-5530 Shirley.Dewi@Uniform-ES.org	12/9/2015	ANSI	Y	Y	01/15/2016	01/15/2016		X							
55		12/28/2017	DLZ Ohio, Inc.	Steve Robinson, Lab Supervisor 614-888- 0040 srobinson@dlz.com	9/30/2015	AAP / A2LA	Y	Y	10/16/2015	10/30/2015	X								
54	10/2/2020 EM	6/29/2017	NSF Intl.	Matthew Gorsline 734-214-6229 mgorsline@nsf.org	9/18/2015	IAS / SCC / ANSI	Y	Y	10/16/2015	11/02/2015	X	X	X	X					
53	7/13/2020	6/28/2017	Solar Testing Laboratories, Inc. - an ECS, Ltd. Company	Chris Lopez, P.E. 216-741-7007 clopez@ecslimited.com	9/17/2015	AAP	Y	Y	10/16/2015	10/30/2015	X								
52		6/7/2017	Riverbank Acoustical Laboratories	Eric Wolfram 630-232-0114 ewolfram@alionscience.com	9/14/2015	NVLAP	Y	Y	10/16/2015	10/26/2015	X								

Ohio Board of Building Standards  
Update status of Conformity Assessment Bodies

51		12/14/2017	Guardian Fire Testing Laboratories, Inc.	Louanne Pearson 716-835-6880 gftli@earthlink.net	9/11/2015	ANSI / ANAB	Y	Y	10/16/2015	10/30/2015	X		X	X				
50		12/27/2017	Terracon Consultants, Inc.	Jason Hickey 513-612-9001 Jason.Hickey@terracon.com	9/8/2015	AAP	Y	Y	10/16/2015	10/26/2015	X							
49		12/29/2017	AISC-American Institute of Steel Construction	Larry Martof, Director of Certification compliance 312-670-7520 certification@aisc.org	8/24/2015	ANSI	Y	Y	09/04/2015	09/08/2015								X
48		9/28/2017	Intertek, Arlington Hts, IL	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015 / 11/	ANSI / IAS / SCC	Y	Y	9/4/2015 (REV: 10/5/17)	9/8/2015 (REV: 10/6/17)	X	X	X	X				
47		9/28/2017	Intertek, Shanghai, China	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	A2LA / IAS	Y	Y	09/04/2015	09/08/2015	X							
46		9/28/2017	Intertek, Guangzhou, China	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	A2LA / IAS	Y	Y	09/04/2015	09/08/2015	X							
45		9/28/2017	Intertek, Mississauga Ontario, Canada	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	IAS / SCC	Y	Y	09/04/2015	09/08/2015	X							
44		9/28/2017	Intertek, Middleton, WI	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	IAS	Y	Y	09/04/2015	09/08/2015	X							
43		9/28/2017	Intertek, Lachine Quebec, Canada	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	SCC	Y	Y	09/04/2015	09/08/2015	X							
42		9/28/2017	Intertek, Fairview, OR	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	IAS	Y	Y	09/04/2015	09/08/2015	X							
41		9/28/2017	Intertek, Elmendorf, TX	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	IAS	Y	Y	09/04/2015	09/08/2015	X							
40		9/28/2017	Intertek, Cortland, NY	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	A2LA / IAS / SCC	Y	Y	9/4/2015 (REV: 10/5/17)	9/8/2015 (REV: 10/6/17)	X	X	X					
39		9/28/2017	Intertek, Coquitlam, BC, Canada	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	IAS / SCC	Y	Y	09/04/2015	09/08/2015	X						X	
38		9/28/2017	Intertek, Columbus, OH	Craig Davenport 607-753-6711 craig.davenport@intertek.com	7/31/2015	A2LA	Y	Y	09/04/2015	09/08/2015	X							
36	8/17/2020 EM	1/22/2018	NGC Testing Services	Micheal Rizzo 716-873-9750 mjrizzo@ngctestingservices.com	7/6/2015	IAS/NVLAP	Y	Y	7/24/2015	7/28/2015	X							
29		6/30/2017	Geotechnical Consultants, Inc. WESTERVILLE OH	James Rosebrock, PE 614-895-1171 jrose@gci2000.com	1/26/2015		Y	Y	3/6/2015	3/6/2015	X							
28	6/24/2020 EM	6/21/2017	DrJ Engineering, LLC	Larry Wainright 608-310-6742 lwainright@drjengineering.org	1/16/2015	ANSI	Y	Y	4/17/2015	4/17/2015		X						

Ohio Board of Building Standards  
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27	8/21/2020	6/14/2017	RADCO, A Twining Company	Randy Saunders, VP 562-272-7231 rsaunders@radcoinc.com	1/16/2015	IAS	Y	Y	1/30/2015	2/2/2015	X			X					
25A		7/5/2017	QUASAR, A Division of Canadian Welding Bureau (CWB)	Inderpal Jaswal 800-844-6790 x246 inderpal.jaswal@cwbgroupp.org	11/26/2014	SCC	Y	Y	12/5/2014	12/22/2014				X					
25		7/5/2017	Alt & Witzig Engineering, Inc.	Tobin Moore 515-777-9890 tmoore@altwitzig.com	11/20/2014	AAP	Y	Y	3/6/2015	3/6/2015	X								
24	7/24/2020 EM	12/18/2017	Home Innovation Research Labs	Deanna Seale, P.E. 301-430-6219 dseale@homeinnovation.com	11/19/2014	IAS	Y	Y	12/5/2014	12/22/2014	X		X	X					
23		6/25/2017	Professional Services Industries, Inc. Cleveland OH (Intertek)	Alagaiya Veeramani, PE/VP aveeramani@psiusa.com 216-447-1335	11/17/2014	AAP	Y	Y	3/6/2015	3/6/2015 9/13/17	X								
22	7/21/2020	6/8/2017	Omni -Test Laboratories, Inc.	Joseph Tiegs, Accreditation and QA Mgr 503-643-3788 jtiegs@omni-test.com	11/10/2014	ANSI, IAS, SCC,	Y	Y	12/5/2014	12/22/2014	X		X	X					
21		7/31/2017	Independent Textile Testing Service	I. Kent Suddeth 706-278-3013 kent@ittslab.com	11/8/2014	NVLAP	Y	Y	1/30/2015	2/2/2015	X								
20B		REMOVED- DID NOT RENEW	NTH Consultants, Ltd. (Livonia MI locations)	James Parsons, PE VP, Director Laboratory Operations 248-553-6300 jparsons@nthconsultants.com	11/5/2014		Y	Y	3/6/2015	3/6/2015	X								
19		9/28/2018	ICC-ES Evaluation Service	Shahin Moinian 562-699-0543 x 3559 smoinian@icc-es.org	9/28/2018	ANSI ACLASS	Y	Y	10/05/2018	10/05/2018		X							
18B	7/13/2020	6/15/2017	Bowser Morner Inc. (Dayton OH location)	Robin E. Wolfe, QA Manager 937-236-8805 rwolfe@bowser-morner.com	10/29/2014	AAP, ANAB	Y	Y	3/6/2015	3/6/2015	X							X	
18A	7/13/2020	6/15/2017	Bowser Morner Inc. (Toledo OH location)	Thia M. Light, Lab Manager 419-691-4800 rwolfe@bowser-morner.com	10/29/2014	AAP	Y	Y	3/6/2015	3/6/2015	X								
17		6/6/2017	DHDC Engineering Consulting Services	Savvos Sophocleous 614-527-7656 sophocleous@dhdcinc.com	10/24/2014		Y	Y	1/30/2015	2/2/2015	X								
16	3/25/2021	12/8/2017	TUV Reinland of North America Inc.	Gregory Smith 978-266-9500 gsmith@us.tuv.com	10/22/2014	IAS	Y	Y	3/6/2015	3/6/2015			X		X				
15	1/20/21 EM	12/1/2017	Southwest Research Institute	Matthew Blais 1 210 522 3524 matthew.blais@swri.org Raj Nathan mathan@iasonline.org	10/21/2014	IAS ANSI	Y	Y	12/5/2014	12/22/2014	X			X					
14		12/4/2017	Western Fire Center, Inc.	Brent Pickett 360-423-1400 brent@westernfire.com	10/20/2014	IAS	Y	Y	12/5/2014	12/22/2014	X								
13B	5/18/2020	6/30/2017	FM Approvals, LLC, (W Gloucester RI location)	Antonio Pires 781-255-4825 Antonio.Pires@fmapprovals.com	10/17/2014		Y	Y	3/6/2015	3/6/2015	X		X	X					
13A	5/18/2020	6/30/2017	FM Approvals, LLC, (Norwood MA location)	Antonio Pires 781-255-4825 antonio.pires@fmapprovals.com	10/17/2014		Y	Y	3/6/2015	3/6/2015	X		X	X					

Ohio Board of Building Standards  
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12		12/11/2017	HPVA Laboratories (Formally Hardwood Plywood and Veneer)	Brian Sause, Director 703-435-2900 bsause@hpva.org	10/14/2014		Y	Y	12/5/2014	12/22/2014	X		X	X					
11	5/29/2020 Not correct form provided. EM new 12/23/20 and 1/20/21	1/11/2018	Soil Testing & Engineering Ltd (EDB Intl)	Shafi Alam 614-761-4700 salam@soiltestltd.com	10/14/2014		Y	Y	10/25/2014	11/4/2014	X								
10		6/26/2017	IAPMO EGS	Judy Dolhof, Mgr of Quality Assurance judy.dolhof@iapmortl.org 909-472-4100 x4856	10/14/2014	ANAB	Y	Y	10/25/2014	11/4/2014	X								
9	9/9/2020 EM w correction	6/26/2017	IAPMO R&T LAB	Judy Dolhof, Mgr of Quality Assurance judy.dolhof@iapmortl.org 909-472-4100 x4856	10/14/2014	ANAB	Y	Y	10/25/2014	11/4/2014	X								
8		7/10/2017	TTL Associates, Inc.	Thomas Uhler, P.E. 419-214-5101 tuhler@tlassoc.com	10/10/2014	AAP	Y	Y	10/25/2014	11/4/2014	X								
7		9/28/2017	Intertek (Formally Architectural Testing, Inc.)	Craig Davenport 607-753-6711 craig.davenport@intertek.com	10/14/2014	IAS	Y	Y	12/5/2014	12/19/2014	X	X	X	X	X	X		X	
6		1/16/2018	National Technical Systems, inc.	Robert Bridges, Director Testing 256-716-4286 Rob.Bridges@nts.com	10/6/2014	A2LA	Y	Y	10/25/2014	11/4/2014	X							X	
5		12/18/2017	Progressive Engineering, Inc.	Jason Holdeman, Director of Testing 574- 533-0337 jholdeman@p-e-i.com	10/6/2014	IAS	Y	Y	10/25/2014	11/4/2014	X	X	X	X					
4		7/5/2017	Canadian Welding Bureau (CWB)	Inderpal Jaswal 800-844-6790 x246 inderpal.jaswal@cwbgroun.org	10/6/2014	SCC	Y	Y	12/5/2014	12/19/2014	X	X	X	X					
3	7/16/2020 EM	6/12/2017	APA - The Engineered Wood Assn.	Borjen Yeh 253-565-6600 borjen.yeh@apawood.org	10/2/2014	SCC/IAS	Y	Y	10/24/2014	11/4/2014	X	X	X	X					
2		1/16/2018	Professional Testing Laboratory, Inc.	Lee Phillips 706-226-3283 lee@optlink.us	10/2/2014	NVLAP	Y	Y	10/24/2014	11/4/2014	X								
1		6/13/2017	Precast Prestressed Concrete Institute	Alex Morales 312-786-0300 amorales@pci.org	9/17/2014	IAS	Y	Y	10/25/2014	11/4/2014									X

# APPLICATION

FOR

## Recognition for Conformity Assessment Bodies

Conformity Assessment Bodies are recognized by the Ohio Board of Building Standards pursuant to sections 3781.10(F), 3781.11(A) and 3781.12 of the Revised Code and Administrative Code 4101:1-01, Section 114 of the Ohio Building Code and Residential Code of Ohio.

☒ New Application. (Please check one)

☐ Renewal Application (Please note differences from initial Application.)



## Board of Building Standards

6606 Tussing Road, P.O. Box 4009

Reynoldsburg, Ohio 43068-9009

(614) 644-2613 Fax: (614) 644-3147

dic.bbs@com.state.oh.us

<http://www.com.state.oh.us/dico/bbs/default.aspx>

### 1. APPLICANT:

Company: Phoenix National Laboratories, Inc.

(Organization / Company Name)

Contact: Amber Trees, PE

Address: 2837 E Chambers Street

(Include Room Number, Suite, etc.)

City: Phoenix

Zip: 85040

State/Province: Arizona

Telephone: 602-431-8887 Fax: 602-431-8889

Website: www.pnlttest.com

(Web Search Address)

E-mail Address: amber@pnlttest.com

### 2. INFORMATION:

Parent of Affiliate Organization: NA

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Province: \_\_\_\_\_

Zip: \_\_\_\_\_

Location of Facilities For Which Recognition is Requested (only one address per application):

Address: 2837 E Chambers Street

City: Phoenix

State/Province: AZ

Zip: \_\_\_\_\_

85040

Name and Title of Contact Person\*: Amber Trees, PE // Metallurgical/Materials Engineer, Project Manager

Phone Number: 602-431-8887

Fax Number: 602-431-8889

\*Note: The person above is responsible for coordinating agency participation in recognition program.

List all tests and standards applicable to the construction codes (i.e. OBC, OMC, OPC, etc.; attach additional sheet if needed).

ASME B31.3, AWS D1.1, AWS D1.3, AWS D1.4, ASTM E605, ASTM E736, ASTM A615, ASTM A706

### 3. QUALIFICATIONS: (ACCREDITATION MUST BE SECURED FROM A BOARD RECOGNIZED ACCREDITATION BODY)


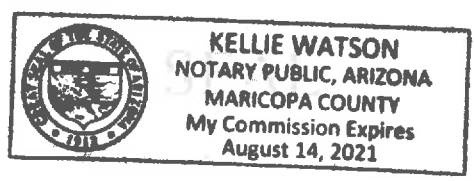
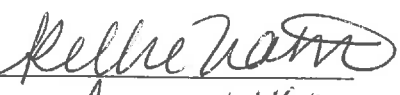
Accreditation body name:

Certificate Number:

(Attach accreditation certificate and scope of accreditation letter)

Perry Johnson Laboratory  
Accreditation, Inc (PJLA)

L20-341-R1

<b>4. AGENCY INDEPENDENCE:</b>		YES	NO
Is your agency owned, operated, or controlled by any producer, supplier, or vendor?			x
Does your agency have any managerial affiliations with any producer, supplier, or vendor?			x
Does your agency have any stock options or securities investments in the product lines being tested or inspected?			X
Is the employment security of personnel free of influence from any producer, supplier, or vendor?			x
Does your organization publish a list test and standards found in the building codes referenced standards regularly? What is the Web Address for the list? _____			X
<b>5. BODY RECOGNITION TYPE: (Check applicable type and list applicable accreditation criteria below)</b>			
TYPE	Check below	Please list applicable accreditation criteria (ANSI/ISO / IEC 17025; ISO / IEC 17020 etc)	
Testing Laboratories:	x	ISO/IEC 17025:2017	
Product Certification Bodies: Includes Evaluation Services (ES) and Listing Agencies (LA). Indicate type in check box.			
Inspection Bodies:			
Field Evaluation Bodies:			
Fabricator Inspection Programs/Agencies:			
Special Inspection Agencies:			
Calibration Laboratories:			
Other:			
<b>6. CERTIFICATION</b>			
I, the undersigned, representing the agency in this application, affirm that the information given in this application is accurate and complete.			
 Applicant's Signature and Title		Metallurgical/Materials Engineer/Project Manager      08/09/2021 Date	
Subscribed and duly sworn before me according to law, by the above named applicant this <u>9<sup>th</sup></u> day of <u>August</u> in the year <u>2021</u> at <u>Phoenix National Labs</u> , County of <u>Maricopa</u> and State of <u>Arizona</u>			
		Notary Public:  Commission Expires: <u>August 14, 2021</u>	
<b>7. FEE:</b> There is <u>no</u> fee associated with this application for recognition.			

All applications are subject to review and recognition by the Ohio Board of Building Standards.



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

***Phoenix National Laboratories, Inc***  
***2837 East Chambers Street, Phoenix, AZ 85040***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited  
in accordance with the recognized International Standard:*

**ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and  
the operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

***Mechanical, Metallurgical, and Nondestructive Testing and Welding  
Qualification Services  
(As detailed in the supplement)***

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*Initial Accreditation Date:*  
February 20, 2012

*Issue Date:*  
June 05, 2020

*Expiration Date:*  
May 31, 2022

*Revision Date:*  
January 27, 2021

*Accreditation No.:*  
71936

*Certificate No.:*  
L20-341-R1

*The validity of this certificate is maintained through ongoing assessments based  
on a continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*



# Certificate of Accreditation: Supplement

## Phoenix National Laboratories, Inc

2837 East Chambers Street, Phoenix, AZ 85040  
Contact Name: Alexander Zuran III Phone: 602-431-8887

*Accreditation is granted to the facility to perform the following testing:*

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Physical/Mechanical <sup>F</sup>	Elastomeric Bridge Bearings, Expansion Joints and Seals, Sealants, Rubber, Plastics, PTFE	Tensile Strength, Ultimate Elongation, Permanent Set	ASTM D412 ASTM 4894	6 lbf to 50 000 lbf
		Tensile Strength, Tensile Stress at Yield, Ultimate Elongation	ASTM D638	6 lbf to 50 000 lbf
		Hardness	ASTM D2240	Shore A, Shore D
		Heat Resistance, Change in Hardness, Tensile Strength, Ultimate Elongation	ASTM D573	100 °F to 600 °F
		Compression Set, oven aged	ASTM D395 Method B	100 °F to 600 °F
		Compression Set, low temp	ASTM D1229	-40 °F minimum
		Ozone Resistance	ASTM D1149 ASTM D518	5 ppm to 1 000 ppm ozone concentration
		Low Temperature Brittleness	ASTM D746 Procedure B	-130 °F minimum
		Instantaneous Thermal Stiffening (Clashburg)	ASTM D1043	-70 °F minimum
		Shear Modulus	ASTM D4014, Annex A	40 psi to 2 000 psi -40 °F to SLA
		Low Temperature Crystallization	AASHTO LRFD, Sect 18, AASHTO M251	40 psi to 2 000 psi -40° F to SLA
		Adhesion	ASTM D429, Method B	6 lb to 33 000 lb
		Adhesion	TX-601-J	400 000 lb max
		Creep/Shear Bond	AASHTO M251-06	33 000 lb max load
		Tear Strength	ASTM D624 (Type C)	6 lb to 33 000 lb
		Oil Swell	ASTM D471	ASTM Oil
		Chlorinated Compound Test	TX-601-J	N/A





# Certificate of Accreditation: Supplement

## Phoenix National Laboratories, Inc

2837 East Chambers Street, Phoenix, AZ 85040  
Contact Name: Alexander Zuran III Phone: 602-431-8887

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Physical/Mechanical <sup>F</sup>	Elastomeric Bridge Bearings, Expansion Joints and Seals, Sealants, Rubber, Plastics, PTFE	Short/Long Duration Compression Test	AASHTO LRFD, Sect. 18 CHB Design Code S6	2 000 000 lb max load, 36" x 48" plan size x 20" height
		Compression Strain	AASHTO M251 CHB Design Code S6 LS-428	2 000 000 lb max load, 36" x 48" plan size x 20" height
		Low/High Temperature Recovery	ASTM D2628	5 in width max
		Compression Deflection	ASTM D575	Up to 50 000 lbf
	Structural Steel, Welded Plate and Pipe	Density and Specific Gravity	ASTM D4894 ASTM D792, Method A	Sheet
		Mechanical Properties Tension Test Bend Test Hardness Test (Charpy Impact Test - subcontracted)	ASTM A370  ASTM E18	450 000 lb max tensile  Scales HRA,HRB, HRC, 15N, 30N, 45N, 15T, 30T, 45T
		Tension Testing of Metallic Materials	ASTM E8	450 000 lb max
		Testing of Steel Reinforcement Bars – Tension / Elongation / Yield Load	ASTM A615 ASTM A706	450 000 lb max
Metallurgical / Materials <sup>F</sup>	Metals/Metallic Coatings	Grain Size	ASTM E112	Visual
		Hardness, HV or HK	ASTM E92	HV 1 g to 30 kg HK 1 g to 5 kg
		Metallic Coating Thickness, Cross-sectioning	ASTM B748	> 50 nm
		Scanning Electron Microscope Analysis (SEM)	SOP SEM-1	Up to 300,000X Magnification
		With Energy Dispersive Spectroscopy (EDS)		Up to 30 keV



# Certificate of Accreditation: Supplement

## Phoenix National Laboratories, Inc

2837 East Chambers Street, Phoenix, AZ 85040  
Contact Name: Alexander Zuran III Phone: 602-431-8887

*Accreditation is granted to the facility to perform the following testing:*

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Non-Destructive <sup>FO</sup>	Commercial and Industrial Based Construction Projects including Bridges, Buildings, Pressure Vessels, Pipelines, Tanks; Manufacturing during and after fabrication of materials and products	Ultrasonic Testing (UT)	ASME Section V Articles 4 and 5; ASME Sections I, VIII, IX, B31.1, B31.3; AWS D1.1, D1.5, API 1104, 650 ASTM A388, E164, A609, E797	Contact applications – 1 MHz to 25 MHz
		Ultrasonic Phased Array Testing (UTPA)	ASME Section V Article 4, Section VIII – Division 2, API 650, AWS D1.1, D1.5	2.25 MHz to 7.5 MHz LPA applications with or without encoded scanners
		Radiographic Testing (RT)	ASME Section V Article 2; ASME Sections I, VIII, IX, B31.1, B31.3; AWS D1.1, D1.5; API 1104, 650; ASTM E94, E1032, E1742 AWWA D100	160 kV, 5 mA 320 kV, 10 mA IR 192 curies to 150 curies
		Computed Radiographic Testing (CRT)	ASME Section V Article 2, Appendix VIII, AWS D1.1	160 kV, 5 mA 320 kV, 10 mA IR 192 curies to 150 curies
		Magnetic Particle Testing (MT)	ASME Section V Article 7; ASME Sections I, VIII, IX, B31.1, B31.3; AWS D1.1, D1.5; API 1104, 650, ASTM E709	Portable and mobile applications, AC, DC, DCHW, Wet or Dry, Visible or Fluorescent, 6,000 A max
		Liquid Penetrant Testing (PT)	ASME Section V Article 6; ASME Sections I, III, VIII, IX, B31.1, B31.3; AWS D1.1, D1.5; API 1104, 650, ASTM E165	Type I and II, Methods A and C
		Electromagnetic Testing (ET)	ASME Section V Article 8	Multi-frequency Ferrous and Non-ferrous Heat Exchanger Tubes, Single Frequency Contact Applications



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Non-Destructive <sup>FO</sup>	Commercial and Industrial Based Construction Projects including Bridges, Buildings, Pressure Vessels, Pipelines, Tanks; Manufacturing during and after fabrication of materials and products	Visual Testing (VT)	ASME Section V Article 9; ASME Sections I, III, VIII, IX, B31.1, B31.3; AWS D1.1, D1.2, D1.3, D1.4, D1.5, D1.6; API 1104, 650	Direct and Remote Applications 6mm dia. x 3.5 m long 12 mm dia. x 10 m long 1" dia. X 100 ft. long
		Leak Test (Bubble, Pressure, Voltage)	API 650, ASME B31.3, ASTM E1003	Pressure: -15 psi to 18,000 psi, Voltage: 35 kV max
		Magnetic Flux Leakage (MFL)	API 653 Annex G	Up to 1/2" thickness
		Equipment Evaluations	API 510, 570, 653 API 579/ASME FFS-1	Qualitative application
		Metallurgical Field Replications	ASTM E1351	Qualitative application
	Special Inspections per the International Building Code (IBC)	ICC – Spray Applied Fireproofing	IBC Section 1702, ASTM E605, ASTM E736, Technical Manuals 12A and 12B	Qualitative Application
		ICC – High Strength Bolts and Structural Steel	IBC, Section 1702 AISC Specification for A325 and A490 High Strength Bolts	
		ICC – Welding Inspection	IBC Section 1702, AWS D1.1, D1.3, D1.4, AISC Code of Standard Practice	
		ICC – Epoxied Anchors	IBC Section 1702 and Manufacturer's Documentation	
	Structural Steel, Welded Plate and Pipe	Hardness	ASTM A833 ASTM E110	Micro hardness – field portable equipment
		Positive Material Identification	Thermo Scientific Niton XL3t  Sciaps Z200C+	XRF (X-ray Fluorescence) method – no carbon content  LIBS method with carbon content
	Structural Concrete	Ground Penetrating Radar	Geophysics Structure Scan SIR-3000	1,600 MHz Antenna 2,600 MHz Antenna 0"-24" concrete thickness
		Anchor Bolt Pull Out Tests	ASTM E488	N/A



## Certificate of Accreditation: Supplement

### Phoenix National Laboratories, Inc

2837 East Chambers Street, Phoenix, AZ 85040

Contact Name: Alexander Zuran III Phone: 602-431-8887

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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Welding Qualification Services <sup>FO</sup>	Welding Procedure Qualification and Welder Qualifications	Administration of Qualifications at PNL weld test booths or in Field	ASME IX; API 1104; AWS B2.1, D1.1, D1.2, D1.3, D1.4, D1.5, D1.6, D17.1	In-house up to 350 A- SMAW, FCAW, GMAW, GTAW processes. Any process or amperage in the field
	PQR and WPQ testing	X-ray, Tensile Tests, Bend Tests, Fillet Weld Break Tests, Macro-etching, Twist Tests, Nick Break Tests, Hardness Profiles	ASME IX; API 1104; AWS B2.1, D1.1, D1.2, D1.3, D1.4, D1.5, D1.6, D17.1 ASTM A370	All Welding Processes

1. The presence of a superscript FO means that the laboratory performs testing of the indicated parameter at its fixed location and onsite at customer locations. Example : Outside Micrometer <sup>FO</sup> would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.
2. Charpy impact testing is currently being subcontracted for Structural Steel, Welded Plate and Pipe, PQR and WPQ testing.

**File Attachments for Item:**

RE-1 Complaint Summary Report

## Complaint and Investigation Consideration Status Report

August 20, 2021

To: Members of the Ohio Board of Building Standards (OBBS) for the August 20, 2021 Board Conference Meeting. The following list are new complaint(s) received after the previous Board meeting and are to be considered by the OBBS certification committee for recommendation to the full Board for a determination of action.

### New Complaints:

#### A. Robert Kurtz, Former Building Official, Vermilion Township

On July 29, 2021, a complaint was received from Mr. Robert Baker, building official with Vermilion Township, indicating that previous building official Robert Kurtz had provided electrical inspections on projects for which he does not hold an Electrical Safety Inspector certification. Records were provided by Mr. Baker of electrical inspections signed-off by Mr. Kurtz during the course of several years from 2015. Mr. Kurtz provided a response in explanation of the circumstances of his actions and admitted that he did perform the inspections. *See attached documents.* Recommend dismissal of the complaint and consideration of disciplinary action based on information received.

#### B. Angela Cavanaugh, Building Official, Stark County

On August 12, 2021, a complaint was received from Michael Gainer, indicating that Stark County building official, Angela Cavanaugh had exceeded her authority related to the determinations of applicability of Ohio Building Code to an existing building use and agricultural exemption. Complainant renovated a barn and began using it for paid events, such as weddings and in July 2018 Ms. Cavanaugh issued an order for the complainant to comply with the Residential Code of Ohio. The Lawrence Township Fire department issued an order for violations based on its new commercial use. The complainant appealed the Stark County building order to the Stark County Board of Building Appeals which upheld the order. Complainant then appealed the Lawrence Township fire department order to Ohio Board of Building Appeals and then to Court of Common Pleas. On June 28, 2021 the Fifth District Court of Appeals who upheld the findings of the trial court which found that the building in question is not exempt from the building code. *See attached documents.* As indicated in complainant's correspondence, complainant intends to appeal to the Ohio Supreme Court. Board staff evaluated Ms. Cavanaugh's actions and found no violation of the Boards rules. Additionally as this matter involves pending litigation regarding a legal determination of whether the building is incident to the agricultural use of the property thereby exempt, Staff recommends dismissal with no further action.

#### C. Patrick Barnes, Lake County Residential and Electrical Safety Inspector

On August 11, 2021, a complaint was received from Nicky Vassil indicating that Lake County residential building and electrical inspector Patrick Barnes was unethical in his involvement of their pool project that was not bonded correctly when Mr. Barnes 'approved' a certification letter from a contractor for the electrical system and bonding of the pool. *See attached documents.* While Lake County's Building Official David Strichko notified the Board that Mr. Barne's actions are being addressed through Lake County's human resources

as well, Staff recommends authorization of an investigation into the actions of Patrick Barnes for evaluation of violations of the Board's rules.

**File Attachments for Item:**

RE-2 Investigation Report 21-01 Michael Bruns





# Ohio Board of Building Standards

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## Michael Bruns Investigation

### Staff Report

Number: 21-01

Personnel Involved: Michael Bruns, Master Plans Examiner, Miami County

Allegation: Conflict of Interest

Date Investigation Ordered: May 14, 2021

Date of Report: August 9, 2021

## Board of Building Standards Duties / Report Organization and Purpose

Revised Code § 3781.10(E) directs the Board of Building Standards to certify municipal, township, and county building departments and their personnel to enforce the administrative rules promulgated by the Board. As licensees of the Board, building departments and individuals certified by the Board are subject of review, investigation, and discipline by the Board for failure of proper enforcement of the Board's rules. Persons affected by the actions of Board-certified individuals and departments may file a complaint with the Board. Upon receipt of a complaint, Board Staff conducts an initial inquiry into the allegations and determines if there is enough basis to warrant further investigation. The complaint related to this report provided the basis for the Board to order staff to investigate.

This report provides a synopsis of the complaint, background, investigation findings, observations, applicable code requirements, as well as a conclusion and recommendation. This report provides adequate information to assist the Board in determining what actions, if any it may take regarding evidence related to specific violations of the Boards rules. It does not address the rights or obligations of parties to any previous or pending enforcement action by a building department in the enforcement of the Board's rules. Parties should consult with their legal counsel regarding these matters.

## Allegation / Complaint Summary

On March 29, 2021, the State Fire Marshal and the Greenville fire department notified Board staff of a potential conflict of interest that involved the duties of certified master plans examiner Michael Bruns of the Miami County building department. The allegation stated that Mr. Bruns had reviewed his own documents produced by his company, Mote and Associates. Mr. Bruns had sealed the documents as the responsible party for the civil design of the project.

## Background

The proposed project is a freezer expansion storage building by the Classic Carrier Company. The owner proposed to mitigate risks in the design for code compliance through various means to offset the requirement for fire suppression systems. The submitted plans included the civil engineering documents that were prepared and sealed by Michael Bruns. Mr. Bruns performed the plan review. [Exhibit 1-7]

## Investigation Findings & Observations

Board staff interviewed Mr. Bruns and Mr. England regarding conflict of interest. It was determined that Mr. Bruns was the plan examiner in the early phases of the plan reviews. He did the reviews up to the point of the approval of the footings, foundations and slabs. He also reviewed the construction documents that included the civil drawings from Mote and Associates, which he is affiliated with, in the first round of submissions. It was at this point that he should have communicated to the building official of the necessity to recuse himself from reviewing the documents for code compliance. Staff verified that the sealed documents authored by Mote and Associates were sealed by Mr. Bruns. [Exhibit -1]

When the complaint was made, Board staff contacted the building official to discuss the matter. It was at this point that the project was reassigned to a different plan examiner. The project had been approved for three phased approvals while reviewed by Mr. Bruns. After that, the project review was reassigned to master plan examiner, Candy Goodall by Robert England, Miami County building official for the balance of the project.

Mr. Bruns indicated to Board staff that he had recused himself from other projects in the past when his company had authored construction documents requiring approval by the department which he works for as a master plans examiner. Mr. England stated that this was a true statement by Mr. Bruns and was aware that these recusals had occurred specifically in the past 7-8 years.

Mr. Bruns also indicated that he did not appropriately consider that his involvement in this project would be a conflict of interest due to his company being in contract to provide documents for the project for civil engineering only. He indicated that he now realizes the error and he is establishing protocols for himself and Mote and Associates to ensure that a conflict will not occur again with Miami County code enforcement.

Board staff reviewed the submittals and department records of the project and determined that it appears that no partiality was present in the review of the documents required for code compliance or for the variance request required for further compliance.

#### Code Requirements

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

(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:

(iii) ~~Gross negligence, incompetence, misconduct in performance of duties, or engaging in conduct~~ that is considered a conflict of interest;

(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.

## Conclusion

Board staff, after having reviewed the information, determined that Mr. Bruns had violated the certification rules relating to conflict of interest by not recusing himself from the project which he sealed as the engineer of record, and reviewed as the certified master plan examiner. The civil engineering construction documents provided the basis of that determination.

## Recommendations

Board staff recommends closure of the investigation and a disciplinary action of probation requiring attendance of an ethics training class provided by the Ohio Ethics Commission. A certificate of completion shall be required to be submitted to the Board of building standards prior to the end of the probationary period.

*A draft of this report was provided to Mr. Bruns on August 11, 2021 for review and comment. Comments received are attached as Appendix A*

**Johnson, Robert**

**From:** Mike Bruns <mbruns@moteassociates.com>  
**Sent:** Friday, August 13, 2021 4:07 PM  
**To:** Johnson, Robert  
**Cc:** Hanshaw, Regina; Foley, Megan  
**Subject:** OBBS Investigation Report  
**Attachments:** Ohio Board of Building Standards 8-9-2021.pdf

Dear Mr. Johnson,

Thank you for giving me the opportunity to review your Report. Upon review, I have the following two clarifications:

1. In reference to the highlighted portion – last 2 sentences on sheet 2:

Mote and Associates Inc. only completed the Site and Grading Plan. I did not review that plan. That drawing was only reviewed by personnel within the City of Greenville. All drawings that are required for the building permit are being completed and signed/stamped by Pranger Group Inc., including the drawings for the foundation/slab. I did review that plan.

2. In reference to the highlighted portion – third sentence on the top of sheet 3:

Pranger Group Inc. had twice submitted drawings for the foundation/floor slab portion of this project, which I reviewed. Both of these submittals were rejected by me since they were not signed/sealed by a design professional. The third submittal resulted in approval of only the foundation/slab portion of the project since the drawings were signed/sealed by a representative of Pranger Group, Inc.

I now understand a conflict may still arise if I review any part of a project that Mote has worked on, even if the part I am reviewing does not involve Mote drawings. However, I am asking that you make clear in your report that I was not reviewing and approving Mote plans.

Please let me know if you have any questions or if I can be of any additional assistance.

Thank you,  
 Mike Bruns

Michael J. Bruns, P.E., S.I.  
**Mote & Associates, Inc.**  
*Engineering & Land Surveying*  
 214 West Fourth Street  
 Greenville, Ohio 45331  
 Phone: 937.548.7511  
 Fax: 937.548.7484  
[www.moteassociates.com](http://www.moteassociates.com)

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**From:** robert.johnson@com.state.oh.us <robert.johnson@com.state.oh.us>  
**Sent:** Wednesday, August 11, 2021 2:21 PM  
**To:** Mike Bruns <mbruns@moteassociates.com>  
**Cc:** Regina.Hanshaw@com.state.oh.us; Megan.Foley@com.state.oh.us  
**Subject:** FW: DRAFT of OBBS Investigation Report

Dear Mr. Bruns,

Attached you will find the Draft version of the Investigation report. Please review the report. You are welcome to submit a comment in response to the report. Any comments received will be attached as part a Final Version of the report. It will be provided to the certification committee for their consideration, and to the Board of Building Standards at its meeting on August 20, 2021. If you send comments, please have them emailed to us no later than Wednesday August 18, 2021.

PS: The exhibits are the documents that you and Mr. England have provided. Due to size, they are not attached. I will attempt to send them separately.

Thank you.



**Robert Johnson**  
Assistant Construction Codes Administrator  
The Ohio Board of Building Standards  
[BBS@com.state.oh.us](mailto:BBS@com.state.oh.us)

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**File Attachments for Item:**

OB-1 Reconsideration of Petition 20-01 (2020 NEC)

# 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>#20-01</u>
Date Recv'd:	<u>Jan. 30, 2020</u>

**Submitter:** Thomas E. Moore Ohio Electrical Coalition  
(Contact Name) (Organization/Company)

**Address:** 3462 Brunk Road  
(Include Room Number, Suite, etc.)  
Akron Ohio 44312  
(City) (State) (Zip)

**Telephone Number:** 330-289-7932 **Fax Number:** \_\_\_\_\_

**Date:** January 17, 2020 **E-mail Address:** tmoore1767@aol.com

**Code Section:** Referenced Standard NFPA 70 4101:1-35-01, 4101:2-15-01 & 4101:3-15-01

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

Please see attachment.

**Explanation of Cost Impact of Proposed Code Change\*:** Please see attachment.

\*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 Electrical Coalition</p> <p style="text-align: center;">Organization sponsoring or requesting the rule change (if any)</p>
2. Rule Title:	<p style="text-align: center;">Referenced Standard NFPA 70 4101:1-35-01, 4101:2-15-01 &amp;  Title of rule change 4101:3-15-01</p>
3. Purpose/ Objective:	<p>Please see attachment.</p> <p style="text-align: center;">Technical justification for the proposed rule change</p>
4. Formatted Rule Language  (Using Strike-out for Deleted Text and Underline for Added Text)	<p>Please see attachment.</p> <p style="text-align: center;">Use strike-out for deleted text and underline for added text</p>
5. Notes:	<ol style="list-style-type: none"> <li>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.</li> <li>2. Please provide a copy of application and documentation.</li> <li>3. Use a separate form for each code change proposal.</li> </ol>

61—17	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities
70— <del>17</del> 20	National Electrical Code <i>(except that section 210.8(F) does not apply to HVAC units employing power conversion equipment (variable speed drive) as a means to control compressor speed)</i>
72—16	National Fire Alarm and Signaling Code
80—16	Standard for Fire Doors and Other Opening Protectives
82—14	Standard on Incinerators and Waste and Linen Handling Systems and Equipment
85—the edition referenced in rule 4101:4-3-01 of the Administrative Code	Boiler and Combustion System Hazards Code
92—15	Standard for Smoke Control Systems
99—15	Health Care Facilities Code
101—15	Life Safety Code <i>(only applies for Section 1029.6.2)</i>
105—16	Standard for Smoke Door Assemblies and Other Opening Protectives
110—16	Standard for Emergency and Standby Power Systems
111—16	Standard on Stored Electrical Energy
120—15	Emergency and Standby Power Systems
170—15	Standard for Fire Prevention and Control in Coal Mines
211—16	Standard for Fire Safety and Emergency Symbols
221—15	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances
252—12	Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls
253—15	Standard Methods of Fire Tests of Door Assemblies
257—12	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
	Standard for Fire Test for Window and Glass Block Assemblies

58—17	Stationary Combustion Engines and Gas Turbines
69—14	Liquefied Petroleum Gas Code
70— <del>17</del> 20	Standard on Explosion Prevention Systems
	National Electrical Code <i>(except that section 210.8(F) does not apply to HVAC units employing power conversion equipment (variable speed drive) as a means to control compressor speed)</i>
72—16	National Fire Alarm and Signaling Code
75-09	Protection of Information Technology Equipment
82—14	Standard on Incinerators and Waste and Linen Handling Systems and Equipment
85—the edition referenced in rule 4101:4-3-01 of the Administrative Code	Boiler and Combustion Systems Hazards Code
91—15	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids
92—15	Standard for Smoke Control Systems
96—14	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
211—16	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances
262—15	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-handling Spaces
286—15	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth 602.2.1.6.2
704—17	Standard System for Identification of the Hazards of Materials for Emergency Response
853—15	Standard on Installation of Stationary Fuel Power Plants

**NSF** NSF International  
789 Dixboro Road, P. O. Box 130140

SP-72—2010a	Ball Valves with Flanged or Butt-Welding Ends for General Service
SP-78—2011	Cast Iron Plug Valves, Flanged and Threaded Ends
SP-80—2013	Bronze Gate, Globe, Angle and Check Valves
SP-110—2010	Ball Valves, Threaded, Socket Welded, Solder Joint, Grooved and Flared Ends

**NFPA** National Fire Protection Association  
1 Batterymarch Park  
Quincy, MA 02169-7471

Standard Referenced	Title
70— <del>17</del> 20	National Electrical Code <u>(except that section 210.8(F) does not apply to HVAC units employing power conversion equipment (variable speed drive) as a means to control compressor speed)</u>
99—15	Health Care Facilities Code

**NSF** NSF International  
789 Dixboro Road Ann Arbor, MI 48105

Standard Referenced	Title
3—2012	Commercial Warewashing Equipment
14—2014	Plastic Piping System Components and Related Materials
18—2012	Manual Food and Beverage Dispensing Equipment 426.1
42—2015	Drinking Water Treatment Units-Aesthetic Effects
44—2015	Residential Cation Exchange Water Softeners
50—2015	Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Facilities
53—2015	Drinking Water Treatment Units—Health Effects