



CANNON BUILDING
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STATE OF DELAWARE
BOARD OF ELECTRICAL EXAMINERS

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PUBLIC MEETING MINUTES:	Board of Electrical Examiners
MEETING DATE AND TIME:	Wednesday, September 6, 2017 at 8:30 a.m.
PLACE:	861 Silver Lake Boulevard, Dover, Delaware Conference Room B, Cannon Building
MINUTES APPROVED:	Approved October 4, 2017

MEMBERS PRESENT

Robert MacLennan, President, Professional Member
Michael Travers, Secretary, Professional Member
James Howard, Professional Member
Nathan Schreppler, Education Officer, Public Member
Richard Millar, Public Member
Anthony Roca, Professional Member
Thomas Hartley, Complaint Officer, Professional Member

ABSENT

DIVISION STAFF/DEPUTY ATTORNEY GENERAL

Kevin Maloney, Deputy Attorney General
Christine Mast, Administrative Specialist III

OTHERS PRESENT

Jim Smith, Shureline Electrical
Mark Behm, applicant
Frank Tyler, DuPont-Facility Engineer
David Smarte, Delaware Elevator
David O'Donnoll, O'Donnoll Services
Robert Smith, First State Inspection Agency
Carl Stevens, Liberty Elevator Experts
Chris Dodds, Liberty Elevator Experts
Howard Fortunato
Eric Rittenshouse, Local 5
Jean Elliott, Kencor

CALL TO ORDER

Mr. MacLennan called the meeting to order at 8:45 a.m.

REVIEW OF MINUTES

A motion was made by Mr. Schreppler, seconded by Mr. Howard, to approve the meeting minutes from July 5, 2017. The motion carried unanimously.

UNFINISHED BUSINESS

There was nothing to review.

NEW BUSINESS

Review of Examination Applications

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to approve the applications of: Ronald Grieco- Journeyman, William Blevin-Journeyman, Reuben Jamar –Limited Electrician, David O'Donnel- Limited Electrician, Ramiro Ramirez-Master Electrician, Jerry Holland – Master Electrician, Kevin Hawke- Master Electrician, William Lex IV- Master Electrician, Thomas Dukes- Limited Electrician, Brian Belardo-Journeyman, Walter Cannon- Journeyman, Brian Roberts-Journeyman, Scott Childs- Master Electrician, Douglass Kirsch- Master Electrician and James Herron Jr.- Limited Electrician. The motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to table the application of: Zachary Walters for proof of 8,000 hours. The motion carried unanimously.

Review of Reciprocity Applications

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to approve the application as stated below. The motion carried unanimously.

Mark Behm- Master Electrician-TX, NE
Benjamin Hubbard-Master Electrician-MA, RI
Anthony Kobie-Master Electrician-NJ

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to table the applications of: Peter Joyce and Ronald Davis for proof of 5 year licensure. The motion carried unanimously.

Ratification of Applications

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to accept the ratification of Apprentice Electrician applications of:

TA-0001407	Joseph	G	Rutkowski
TA-0001408	Philip	Joseph	Garcia
TA-0001409	Andrew	Ryan	Clifton
TA-0001410	Mason	E.	Mitchell
TA-0001411	Reed	O	Hall
TA-0001412	Charles	Garrett	Brooks
TA-0001413	Bailey	P	Smith
TA-0001414	Keith	Daniel	Harmon
TA-0001415	Jason	Clark	Danner
TA-0001416	Jason	Eric	Tolson
TA-0001417	Darrell	LaMont	Ringgold
TA-0001418	Zachary	L	Gonzales
TA-0001419	Aaron	C	VanVorst
TA-0001420	Dustin	Michael	Beideman
TA-0001421	Robert	Leon	Bryant
TA-0001422	Curtis	Ray	Eliff
TA-0001423	John	Thomas	Lamond

TA-0001424	Jeffrey	Louis	Scalia
TA-0001425	John	J	Doyle
TA-0001426	Kalupe		Knox
TA-0001427	Jeffrey	D	Bennett
TA-0001428	Zachery	Andrew	Harris
TA-0001429	Mustafa	M	Guzel
TA-0001430	Steven	Thomas	Sharff
TA-0001431	Robert	Anthony	McConaghie
TA-0001432	Melgar		Gonzalez

The motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to accept the ratification of Journeyperson Electrician applications of:

TJ-0003324	Daniel	M	Clark
TJ-0003325	David	A.	Smith
TJ-0003326	Martin		Stanton
TJ-0003327	Roberto		Stanton
TJ-0003328	Christopher	Vincent	Camino
TJ-0003329	Ricky	Dean	Messick
TJ-0003330	Jeffrey		McKnight
TJ-0003331	William	C	Hirst
TJ-0003332	James	Robert	Grose
TJ-0003333	Christopher	M.	Ash
TJ-0003334	Mark	Allen	Whitfield
TJ-0003335	Jeremy		Fenstermacher
TJ-0003336	John	Ryan	Basch
TJ-0003337	Zachary	Preston	Millman
TJ-0003338	Nom-Jun	L.	Copenhaver
TJ-0003339	Mark	J.	Worthington
TJ-0003340	Quince	C.	Lankford
TJ-0003341	Scott	A.	Frieze
TJ-0003342	James	R	Headley
TJ-0003343	Thomas	D	Gurczenski
TJ-0003344	Nicholas	Andrew	Pokoy
TJ-0003345	Christopher	John	Mayros
TJ-0003346	Quennel	I.	Chapman
TJ-0003347	Greggory	Allan	Parker
TJ-0003348	Paul	E.	Garrett
TJ-0003349	Matthew	R.	Caban
TJ-0003350	Joseph	S.	Tharp
TJ-0003351	Steven	S.	Haywood
TJ-0003352	Frederick	D	Sampson
TJ-0003353	Daniel	John	Crompton-Crowley
TJ-0003354	Neal	Daniel	McGinnes
TJ-0003355	Corbett	Lee	Robbins
TJ-0003356	Dennis	E.	Gregg
TJ-0003357	Kevin		Mays

The motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to accept the ratification of Master Electrician applications of:

T1-0006242	Jerry	Lee	Payne
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T1-0006243	Gregory	F.	Dupuis
T1-0006244	Kevin	P	Dowling
T1-0006245	John	P.	Wible
T1-0006246	Randy	A.	Beam
T1-0006247	Steven	M.	Webb
T1-0006248	Jeffrey	M.	Endres
T1-0006249	Michael	K	Nelson
T1-0006250	Steven	J	DeVitis
T1-0006251	Albert	Patrick	Shields
T1-0006252	Thomas	John	Fay
T1-0006253	Ernest	Leonard	Henderson
T1-0006254	Chad	Jeffrey	Perkins
T1-0006255	Eddie	Perlas	Bosque
T1-0006256	Ronald	J.	Seeney
T1-0006257	Jeffrey	E	Pratt

The Motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to accept the ratification of Master Electrician-Specialty Elevators applications of:

T1-E003597	Darryl	L	Ranker	Master Electrician Special-Elevators
T1-E003598	Christopher	D.	Dever	Master Electrician Special-Elevators
T1-E003599	Anthony	M.	Pimpinello	Master Electrician Special-Elevators

The Motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to accept the ratification of Inspection Agency applications of:

T6-0000116	Middle Department Inspection Agency, Inc.
T6-0000117	United Inspection Agency, Inc.

The motion carried unanimously.

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to accept the ratification of Limited Electrician by Exam application of: Cody Reitman. The motion carried unanimously.

Applications for Review – Deputy Attorney General

A motion was made by Mr. Howard, seconded by Mr. Millar, to approve the apprentice application of Benjamin Rawding. The motion carried unanimously.

Continuing Education

A motion was made by Mr. MacLennan, seconded by Mr. Howard, to approve the requested continuing education courses as follows, the motion carried unanimously:

1. Michael Hoftkin-**APPROVED**
 - a. 2014 NEC- Common NEC Viloations- 2.5 hours
 - b. Optional Standby Systems- 2.5 hours
2. Institute for Technical Advancement, LLC.- **APPROVED**
 - a. NEC 2017 Review- 10 hours
 - b. Pools, Spas and Hot Tubs- 4 hours
 - c. Lighting and Illumination- 8 hours
 - d. Electrical Safety in the Workplace, NFPA-70E- 8 hours
 - e. Generator- 8 hours

- f. Microgrid Technology- 4 hours
- 3. Wayne Robinson Seminars- **APPROVED**
 - a. 2017 NEC Analysis of Change Course- 10 hours
 - b. 2017 NEC Analysis of Change Course Articles 90-480- 5hours
 - c. 2017 NEC Analysis of Change Course Articles 500-840 Annex D- 5 hrs
- 4. The Electrical Association of Philadelphia- **APPROVED**
 - a. Changes to the NEC 2017- 8 hours
- 5. BlueVolt- **APPROVED**
 - a. 2017 NEC Code Changes Part 1- 8hours
- 6. Electric League of Maryland, Inc.
 - a. 2017 Basic Motor Controls- 10 hours- **APPROVED for 9 hrs**
 - b. 2017 NEC Code Changes- 5 hours- **APPROVED**
 - c. 2017 NEC Requirements for Limited Energy/Low Voltage- 5 hour- **APPROVED**
- 7. National Technology Transfer, Inc.
 - a. Troubleshooting Electrical Control Circuits- 24 hours- **APPROVED FOR 21 HOURS**
 - b. 1910.269 ES OSHA Requirements for Electric Power Generation, Trans. & Distribution- 16 hours- **APPROVED**
 - c. Basics of Industrial Electricity- 24 hours- **APPROVED FOR 21 HOURS**
 - d. Grounding & Bonding of Electrical Systems- 16 hours- **APPROVED**
- 8. Computer Career Center, LP dba Vista College- **APPROVED**
 - a. 2011 NEC Code Changes- 4 hours
 - b. 2014 NEC Code Updates: Manufactured Wiring System- 4 hours
 - c. 2014 NEC Codes Updates: Definitions, Installations & Branch Circuits- 4 hours
 - d. NEC Terminology- 4 hours
 - e. Grounding & Bonding- 8 hours
 - f. 2014 NEC Code Updates: Wiring & Protection- 4 hours
 - g. 2014 NEC Code Updates: Feeders, Servers Calculations- 4 hours
 - h. 2014 NEC Code Updates: Overcurrent Protection Grounding and Bonding- 4 hours
 - i. 2014 NEC Code Updates: Surge Arresters- 4 hours
- 9. JADE Learning, LLC.- **APPROVED**
 - a. 2017 NEC Changes (online)- 5 hours
 - b. Most Important 2017 NEC Changes (online) - 5 hours
 - c. Commercial & Industrial Wiring (2017 NEC) (online) - 5 hours
 - d. Residential Wiring (2017 NEC) (online)- 5 hours
- 10. American Trainco, LLC. TPC Trainco- **APPROVED**
 - a. 2017 National Electrical Code- 10 hours
- 11. South Jersey Chapter National Electrical Contractors Assn.
 - a. Significant Changes to the NEC- 10 hours- **APPROVED**
 - b. Wireless Technology- 2 hours- **APPROVED**
 - c. Safety, First Aid & Healthy for the Electrical Industry- **APPROVED**
 - d. NFPA 70E Personal Protection Equipment- **APPROVED**
 - e. Creating Electronic Friendly Facilities- **APPROVED**
 - f. Fire Alarm Systems & CCTV Systems- 5 hours- **TABLED-Time break-down needed**
 - g. Electric, Electronic and Computerized Controls- 5 hours- **APPROVED FOR 3 HOURS**
 - h. Industrial and Fiber Optic Lightening Systems- 4 hours- **APPROVED**

- i. Computer Estimating using the ACCUBID System- 6 hours- **DENIED- NOT PROF. DEVELOPMENT**
 - j. Electrical Estimating- 30 hours- **DENIED- NOT PROF DEVELOPMENT**
 - k. Basic Safety Practices- 5 hours- **APPROVED**
 - l. OSHA Training for the Electrical Industry- 5 hours- **APPROVED**
 - m. Motor Control and Panel Boards- **APPROVED**
 - n. Power Distribution- 4 hours- **APPROVED**
 - o. Electrical Blue Print Reading-4 hours-**DENIED-BIDDING COURSES UNACCEPTABLE**
 - p. Electrical Safety & Hazard Recognition & Control- 5 hours- **APPROVED**
 - q. NEC Code Calculations, Chapter Nine- 4 hours- **APPROVED**
 - r. Transformer Selection and Application- 4 hours- **APPROVED**
 - s. Grounding & Bonding- 8 hours- **TABLED-Needs detailed time breakdown**
 - t. Basic Electricity- 5 hours- **TABLED-Needs detailed time breakdown**
 - u.Green Markets- 2 hours- **APPROVED**
 - v. Wind Generation- 4 hours- **TABLED- Needs detailed time breakdown**
12. Penn-Del-Jersey Chapter, NECA- **APPROVED**
- a. Changes of the 2017 NEC Course- 10 hours
 - b. Conductor Installations- 4 hours
 - c. Grounding & Bonding Part 1- 8 hours
 - d. Transformers- 4 hours
 - e. Optional Standby Systems- Generators Class- 8 hours
13. Mike Holt Enterprises- **APPROVED**
- a. 2017 Changes to the NEC Part 2- 10 hours
 - b. 2017 Changes to the NEC Part 1- 10 hours
 - c. 2017 Bonding & Grounding- 10 hours
 - d. 2017 Grounding & Bonding- 10 hours
 - e. 2014 Review of NEC Changes
 - f. 2014 Changes to the NEC Part 1- 10 hours
 - g. 2014 Changes to the NEC Part 2- 10 hours
 - h. 2014 Understanding the NEC Requirements for Solar PV Systems- 10 hrs-
 - i. 2017 Review of the NEC Changes- 10 hours
14. Harger Lightning & Grounding- **APPROVED**
- a. Lightning Protection Installation Course- 10 hours
15. Elite CEU, Inc.
- a. 2017 NEC Wiring Methods and Materials- 2 hours- **APPROVED**
 - b. 2014 NEC Wiring Methods and Materials- 2 hours- **APPROVED**
 - c. Overview of NEC Wiring Methods- 1 hours- **APPROVED**
 - d. On the Job Safety- 1 hours- **APPROVED**
 - e. Overview of NFPA 70E Standard for Electrical Safety in the Workplace-1 hour- **APPROVED**
 - f. Basic Elements of the NEC- 2 hours- **APPROVED**
 - g.Common Sense Approach to OSHA Safety Procedures- 2 hours- **APPROVED**
 - h.Electricity 101- 2 hours- **APPROVED**
 - i. Structured Cabling- 2 hours- **APPROVED**
 - j. Perimeter and Interior Detection- 2 hours- **APPROVED**
 - k.Tools & Techniques for Low Voltage Installations- 2 hours- **APPROVED**
 - l. IP Survival Kit- 2 hours- **DENIED- Not related**
16. Broad Run Consultants, Ltd.- **APPROVED**

- a. Understanding the NEC Chapters 1-4- 8 hours
- b. Hazard Recognition & Control for Electrical Workers- 8 hours

17. 350Training.com, Inc.- **APPROVED**

- a. NEC 2014 Code Changes Part 1- 5 hours
- b. NFPA 70E- 5 hours

18. National Elevator Industry Educational Program- **APPROVED**

- a. CE006 Hydraulic Controller Theory and Troubleshooting (in class)-16 hours
- b. CE035 Hydraulic Elevator 2013 Code Course (online)-12 hours
- c. CE001 DC Motors and Generators- 36 hours

Review and Consideration of Consent Agreements

Michael Livingstone

A motion was made by Mr. MacLennan, seconded by Mr. Travers, to accept the consent agreement for Michael Livingstone, as written. The Motion carried unanimously.

CORRESPONDENCE

Carl Stevens Letter

Mr. Stevens suggested that an Elevator Inspection Agency license be created. Mr. Maloney will review Regulation 15.0 to see if Elevator Inspectors can be added as a license type. Mr. Maloney advised that this topic will be added to the next agenda for further review.

Jason Caggiano- Home Owner Scope of Practice

Mr. Caggiano sent an email inquiring if re-wire from aluminum to copper requires a homeowner's permit. The board responded that a homeowner's permit is required and referenced Mr. Caggiano to Section 14.2 of the Rules and Regulations.

Ryan LeCates Letter- Alarm Technician

Mr. LeCates sent an email asking for clarity regarding the process to allow a company to use his license. Also if Mr. LeCates was to hire an apprentice and the apprentice was doing alarm work, does his hours qualify?

The board responded that Mr. LeCates can become a sponsor and can verify hours under his license, Mr. LeCates would have to determine how many hours he worked were electrical hours. The board referenced him to 1408 (a)(5)(b).

OTHER BUSINESS BEFORE THE BOARD

PUBLIC COMMENT

Jim Smith, Shoreline Electrical- inquired if project managers or estimators need license. Mr. Maloney suggested that Mr. Smith review the laws and regulations.

Chris Dodd, Liberty Elevator- advised that they would like to add to the current law, that states that elevator inspectors should have the same Master Electrician, special-purpose elevator license.

Eric Rittenhouse, Local 5- approved public safety is required, in support of licensure of Elevator Inspectors.

NEXT SCHEDULED MEETING

The next scheduled meeting will be held on October 4, 2017 at 08:30 a.m. Cannon Building 861 Silver Lake Boulevard, Dover, Delaware, Conference Room A, 2nd floor.

ADJOURNMENT

With no further business before the Board, a motion was made by Mr. Travers, seconded by Mr. MacLennan, to adjourn the meeting. The motion carried unanimously. The meeting went off record and adjourned at 10:50 a.m.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Melanie Alexander".

Melanie Alexander
Administrative Specialist II