

Electrical Examiners Board (Tuesday, May 7, 2024)

Generated by Betty Nickerson on Thursday, May 16, 2024

Meeting called to order at 6:00 PM

Members present

Donald Haskin, Chairman
Ronald Phetteplace, Member
Robert Spence, Member
Dale Abell, Member

Members absent

Ron Derby, Member

1. CALL TO ORDER

Call to Order the Board of Electrical Examiners

2. ROLL CALL

Roll Call of the Board of Electrical Examiners

3. REVIEW AND APPROVE MINUTES

Motion to approve the Board of Electrical Examiners meeting minutes from April 2, 2024

Motion by Robert Spence, second by Ronald Phetteplace.

Final Resolution: Motion Carries

Yea: Ronald Phetteplace, Donald Haskin, Robert Spence, Dale Abell

4. SECRETARY'S REPORT

Amber Harding, Permits Manager, Land Use and Growth Management read the monthly report for the month for April 2024.

5. April Training Class

A. April Training Class

Don Haskin, Chairman will teach a 5 hour class at EMI Service at the Pax River Naval Air Station on 5/8/2024. The suggestion was made that there should be other classes. Don Haskin, chair will take that under advisement and address that in the fall. There could be additional classes on Grounding and Bonding in addition to the just the 10 hour class. Don Haskin, chair will do a 10 hour class in the fall but has not set a date.

6. NEW BUSINESS

A. Energy Select request review EV Charger and GFCI Protection requirements

Will Russell, Service Lead/Logistics Manager for Energy Select discussed the changes to the NEC 2023 electrical code for GFIC breakers for EV chargers. Will Russell, Service Lead/Logistics Manager for Energy Select discussed the dilemma they are having with the code changes. They understand the need for the need for Nema 14-50 receptables but for a hardwired EV charger they have found a few things that don't agree with needing the GFCI breaker. There is no neutral carryover from the charger itself, they also cause faults. The breakers will trip randomly. Don Haskin, chair stated there are a couple of things to discuss where the code has contradictions. Article 625.54 says all receptacles installed for the connection of electrical vehicle charging shall have GFCI protection for personal. Will Russell, Service Lead/Logistics Manager for Energy Select asked if this was treated as a receptacle if it is hardwired? Don Haskin and Ronald Phetteplace stated that 210.8 states that says outlet which is a disconnect or any device. Don Haskin, chair looked at the NEC 2020 code which also requires GFCI for EV Chargers but it was even clearer which states that in addition to the requirements of

210.8, receptacles installed for car chargers must have ground fault protected. The limit is put on the authority having jurisdiction could grant a waiver if we can come up with a way to have equivalent protection. Don Haskin, chair does not know of anything that is equivalent to ground fault protection. Don Haskin, chair has looked to see if there are TIA's (technical interim amendments) that would waive the requirements. Will Russell, Service Lead/Logistics Manager for Energy Select stated this is his next action if they were not able to resolve with the Board of Electrical Examiners. Don Haskin, chair stated it would be an opportunity to submit a proposal for a TIA (technical interim amendments) to address in 2026.

B. Phillip Kirk Homeowner revised circuit layout, questions and requested extension of homeowner license for six months (November 7, 2024).

Motion for Phillip Kirk Homeowner to extension his homeowner's license until November 7, 2024.

Motion by Dale Abell, second by Ronald Phetteplace.

Final Resolution: Motion Carries

Yea: Ronald Phetteplace, Donald Haskin, Robert Spence, Dale Abell

7. BEE ROUND TABLE

A. Round Table

Don Haskin, chair has gone through the Low Voltage exam to bring it up to the NEC 2020 code standards. Don Haskin, chair has made the exam and would like one of the other board members to look at it and make sure the updates are correct. Ronald Phetteplace will go over the the exam and make corrections if needed.

Don Haskin, chair will work on the test for the Homeowner's exam.

Don Haskin, Chair asked Dale Abell, member if he is doing any EV Chargers. Dale Abell, member stated he is doing commercial EV chargers.

8. ADJOURN

A. Adjourn the Board of Electrical Examiners May 7, 2024

Motion to Adjourn the May 7, 2024 Board of Electrical Examiners meeting.

Motion by Robert Spence, second by Dale Abell.

Final Resolution: Motion Carries

Yea: Ronald Phetteplace, Donald Haskin, Robert Spence, Dale Abell

Meeting Adjourn 6:33 PM