



ST. MARY'S COUNTY ELECTRICAL BOARD
May 5th, 2015 MEETING MINUTES

Donald Haskin	Chairman	Present
James Johnson	Secretary	Present
Rudolph Worch, III	Member	Present
Robert Spence	Member	Absent

Total Deposited for April 2015:

\$11,200.00

Total Deposited Since May 1st 1989:

\$263,310.00

April Deposits to Planning & Zoning:

Master Electrical New License Deposits	\$150.00 (1)
Master Electrical License Renewal Deposits	\$9750.00 (65)
Master Electrical License Renewal Late Fee	\$0
Master Electricians Exam Deposits	\$50.00 (2)
Restricted License Deposits	\$0
Restricted License Renewal Deposits	\$750.00 (5)
Restricted License Exam Deposits	\$0
Low Voltage License Deposits	\$0
Low Voltage License Renewal Deposits	\$300.00 (2)
Low Voltage Exam Deposit	\$0
Re-Instatement Fee	\$175.00 (7)
Homeowners Exam	\$25.00 (1)

Insurance Up-Dates for April:

74

2013/2015 New License:

1 Total

Brian Coll George R. Smalley Co., Inc 4025

2015/2017 Renewal in April

65-Master
2—Low Voltage
5--Restricted

April 2015 Change of Address and/or T/A:

1-T/A Changes
All Changes are reflected in weekly roster

April Shelved License:

20 licenses shelved
7 returned to active

Miscellaneous:

The meeting was called to order by Don Haskin and Seconded by Chris Worch. The discussions held by the board concerned the following items:

1. The April minutes were approved as written. Motion by Danny Johnson and seconded by Chris Worch. The vote was 3-0 to approve the minutes.
2. The following is a list of dates for the Electrical Examiners Board meetings in 2015:
 - a. January 6th Board Meeting
 - b. January 29th Master/Low Voltage/Restricted Exam
 - c. February 3rd Board Meeting
 - d. March 3rd Board Meeting
 - e. April 7th Board Meeting
 - f. May 5th Board Meeting
 - g. June 2nd Board Meeting
 - h. July 7th Board Meeting
 - i. July 23rd Master/Low Voltage/Restricted Exam
 - j. August 4th Board Meeting
 - k. September 1st Board Meeting
 - l. October 6th Board Meeting
 - m. November 3rd Board Meeting
 - n. December 1st Board Meeting
3. The electrical board will send out a new roster every Sunday. Any license request sent in during the week will not be processed and become active to the following Monday. Any licenses that become shelved for insurance reasons will be sent out by email on an individual basis.
4. Harry Knight has put together a request for public hearing concerning the 2014 NEC and the Homeowners exam for the board to review. The board made a motion to approve the Memorandum by a vote of 3-0. It will be signed and returned to Mr. Knight for submission.
5. Several emails were sent to the board inquiring about when the next class will be given. The board will offer the class in September. The board will send out a mass notification concerning the class.

6. Cecil County does not accept our ten hour class for their license renewal.
7. The board has written the new Master Electrician Exam and is currently double checking the exam for any errors. The board will then write the Low Voltage and Restricted exam.
8. A new member will be appointed by the County Commissioners in June.
9. A&G Electric attended the meeting to discuss some code interpretations. A common occurrence in the field is to add a new Main service disconnect ahead of the existing main distribution panel (MDP), effectively making the existing MDP a "sub-panel". This has the unintended consequence of putting the existing Range and/or dryer circuit in violation if they are wired in an SE type cable with a bare concentric neutral conductor as this type of conductor is required to originate in the panel containing the Main disconnect. The issue is the exposed bare neutral conductor in the sub-panel and the fact that it may contact the case or bare grounding conductors that are also present in the panel. After reviewing the problem with several recognized code experts and the boards in our neighboring jurisdictions the board decided to allow the bare neutral conductor on the range and/or dryer circuit to be insulated with the correct voltage and color tape. This applies to the SE type cable in the main panel, which now has become a sub panel due to the work being performed. The vote was 3-0 to approve this solution. This decision will be sent to MDIA. This appears to be a routinely accepted practice in other jurisdictions.
10. Mr. David Buckler was present at board meeting to discuss a failure notice of a job performed. The issue is the use and alteration of a PVC connector in a way that it was not designed or listed to be used. We requested he send a letter to MDIA asking for a waiver. This letter will then come before the board. The board expressed the opinion that this type of issue should be decided on a case by case basis rather than a blanket statement.
11. Mr. Dameron was present at the board to discuss a garage door track that intruded into the working space of the panel and the failed inspection he received. After the board reviewed the pictures we voted to grant a waiver on this as sufficient work space as required by Article 110.26 was available except for an approximate 4" intrusion of this track. The panel door may be opened 90 degrees as required. The vote was 2-1. This is a case by case decision.
12. The issue was brought before the board that a long-standing practice regarding the wiring of piers was no longer being approved by MDIA. The issue is that Article 555 requires that the wiring method used on piers covered by this article include an insulated green grounding conductor. Since a cable wiring method including such a ground is not readily available this would normally require that a conduit system (usually PVC) be installed so that an individual green insulated grounding conductor may be installed. The problem is that such a conduit system usually fails very quickly due to the inherent movement of the pier and the severe environmental conditions to which it is exposed. The alternative that has been traditionally been allowed is to install a 3-wire

UF type wiring system and to reidentify the red conductor with a green marking indicating that it is being used as a grounding conductor thus providing the required insulated grounding conductor. This practice has traditionally been accepted in all three Southern Maryland Counties. Therefore the board has decided that all piers that fall under article 555 are allowed to be wired in UF cable as outlined above. The vote was 3-0

13. A notification requesting the presence of the electrical contractor performing work on the BAT systems was sent. The electrical contractor was notified that all new work performed in the County requires an inspection. Work being performed for the Health Department is included. He was also informed that he is responsible for all workmanship of his employees.

14. The next Muelec meeting will be held on May 20th 2015. Don Haskin and Danny Johnson will be attending.

Homeowners Exam Applicants for May 2015:

0 Total

Homeowner Exam Results for April 2015:

Applicant failed exam

Monitor Homeowners Exam for June 2015:

Danny Johnson

Master/Restricted/Low Voltage Results for January/July 2015:

1-January Test—Applicant Cancelled

2- Applicants for July

Monitored Master/Restricted/Low voltage Exam for July 2015:

Don Haskin

Danny Johnson

Postage for April 2015:

\$32.43

Next Regular Board Meeting:

Next regular board meeting is scheduled for Tuesday June 2nd, 2015 at the Governmental Center Carter Building, Leonard Hall Drive, 2nd floor conference room at 7:30 PM.

Motion to Adjourn Meeting:

Motion was made by Don Haskin and seconded by Danny Johnson

The Following Payments are authorized for the Board Members for May 2015

1) Robert Spence----MEMBER

- a) Absent \$0
- b) Spence Total \$0**

2) Chris Worch---MEMBER

- a) Attend Meeting \$25.00
- b) Worch Total \$25.00**

3) Don Haskin---CHAIRMAN

- a) Attend Meeting \$25.00
- b) Haskin Total \$25.00**

4) James Johnson-----SECRETARY

- a) Attend Meeting \$25.00
- b) Prepare meeting minutes \$25.00
- c) Recording Secretary (53hrs @ \$15.00) \$795.00
- d) Johnson Total \$845.00**

Recording Secretary Performed the Following Duties (April):

- 1) Picking up mail
- 2) Issuing licenses and renewals
- 3) Confirming and updating insurance coverage
- 4) Shelve and un-shelve licenses for insurance reasons
- 5) Updating roster with new information on license renewal form
- 6) Printing new licenses
- 7) Worked on annual report
- 8) Responding to mail, email and phone calls.
- 9) Preparing items to be placed on Website
- 10) Prepare Master Exam and Low Voltage Exam
- 11) Preparing information for code classes
- 12) Sent license renewal information by mail and email

James D. Johnson Jr.
Secretary
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