



# **NORTH DAKOTA STATE ELECTRICAL BOARD**

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(701) 328-9522 - [www.ndseb.com](http://www.ndseb.com)

Donald Offerdahl, Executive Director

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OCTOBER, 2009

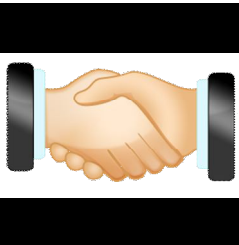
NEWSLETTER

NO. 229

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## **THANK YOU TO EUGENE CROSS FOR HIS SERVICE**

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On behalf of the Board and staff, we would like to thank Eugene Cross of Mapleton, North Dakota for his dedicated service to the N.D. State Electrical Board for the last ten years. Eugene represented the contracting master electrician of North Dakota. Eugene was appointed by Governor Ed Schafer in 1999, and reappointed by Governor John Hoeven in 2004.

He attended all board meetings as well as state-sponsored continuing education classes and IAEI meetings. Through Eugene's ten years of service on the Board, the Board made many improvements. Eugene was active in lobbying for the electrical industry on bills that came before the North Dakota legislature. Through his tenure, the Board developed and provided new services such as submitting wiring certificates online (e-Certs) and online electrical license renewal. Eugene was also actively involved in promoting related training as one of the requirements in obtaining a North Dakota Journeyman license and in meetings with power companies, public officials and other state electrical boards when issues involved the electrical industry in North Dakota. He also supported providing electrical inspectors with cameras in which the pictures taken were used to educate electricians of code violations being done in North Dakota at continuing education classes.

Eugene has recently retired and sold Wayne's Electric that was in the family for a number of years. On behalf of the Board and staff, we wish you the best of luck in your retirement and future endeavors.



## **THE NORTH DAKOTA STATE ELECTRICAL BOARD WELCOMES RODNEY MAYER**

Governor John Hoeven appointed Rodney Lee Mayer as a Board Member representing a master electrician who is a contractor. Rod's appointment to the Board took effect July 1, 2009. Rod, and his wife, Denise, and their two children, live in Minot. Rod has held a Master electrician license since 1985 and owns and operates Mayer Electric. He enjoys traveling, golf and racquetball. We welcome Rod and look forward to working with him.

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## JAMES SCHMIDT ELECTED PRESIDENT

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The N.D. State Electrical Board held election of officers at their July 15, 2009 meeting. James Schmidt of Petersburg, North Dakota was elected President. James has been on the North Dakota State Electrical Board since 2002, and he represents the Journeyman electrician on the Board. Earl Scherer of Bismarck was elected Vice President; Karen Karls of Bismarck, Secretary; and Ben Koppelman of Horace, Treasurer. Congratulations on your new positions.



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## N.D. CHAPTER IAEI TO HOLD ITS ANNUAL CONTINUING EDUCATION SEMINAR

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The North Dakota Chapter of the International Association of Electrical Inspectors will hold its annual continuing education seminar and business meeting at the Seven Seas in Mandan, North Dakota on October 22-23, 2009. This year's seminar will include a variety of interesting subjects, along with field problems, as follows:

- \* Hazardous Locations - Bob Benedetti, NFPA
- \* Wiring Practices and Troubleshooting of AFCIs - Don Iverson, NEMA and Ed Larson, Schneider Square D
- \* Aging Residential Electrical Systems - Tom Lichtenstein, UL
- \* Selective Coordination of Overcurrent Devices—Ed Larson, Schneider Square D
- \* IAEI Report - Mike Forister, Western Section IAEI Secretary

This seminar is one that all electrical contractors, journeyman, apprentices, engineers and educators should attend. Twelve (12) hours of continuing education will be granted.

This year's North Dakota IAEI Chapter Distinguished Service Award recipient is Tom Dwyer, City Inspector for the City of Bismarck. Tom will receive his award at the Thursday evening banquet.

The registration fee for this year's seminar is \$65.00 for IAEI members and \$85.00 for non-members if received by October 16, 2009. Registration forms can be obtained from any electrical inspector in North Dakota or the State office.

Hope to see you there!

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## INFORMATIVE E-MAILS BEING SENT OUT BY BOARD

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The North Dakota State Electrical Board now has the capability of sending out mass e-mails to electricians. We are planning on using this system when important issues have to be addressed in a more timely manner or just as a friendly reminder on due dates for license renewals, meetings, etc. You may have received a sample test e-mail from our office. We hope these e-mails will serve as a better and more informative communication tool to the electrical industry of North Dakota. If you wish to be included in these e-mail notifications or if your e-mail address has changed, please e-mail [electric@nd.gov](mailto:electric@nd.gov).

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## **N.D. STATE ELECTRICAL BOARD WEB SITE DEVELOPMENT & REDESIGN UPDATE**

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The North Dakota State Electrical Board is in the process of updating and redesigning our web site. This process is taking longer than we had expected. We apologize for not having updated information on our current web site. Our developers have indicated that they project the new web site to be in place by early November, 2009. Thank you for your patience.

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### **POWER OUTLET ENCLOSURES LABELING CLARIFIED**

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The North Dakota State Electrical Board along with manufacturers of power outlets and Underwriters Laboratories (UL) have reviewed the UL standard technical panel on labeling of power outlet enclosures. Enclosures stating "suitable for use as recreational vehicle site supply equipment if used as recreational vehicle site supply equipment does not bond" cannot be used as service equipment. The labeling states bond when used as service equipment. That statement is improperly part of the instructions and UL has notified the manufacturers that it needs to be removed. Again, these enclosures are not suitable for use as service equipment.

Power outlet enclosures state "suitable for use as recreational vehicles site supply or

temporary site service equipment." This statement has had questionable interpretation that indicates that this product is only to be used for temporary service equipment. Further information by a UL 231 product standard representative informed that this enclosure is suitable for use as service equipment and the language also indicates that the enclosure meets the requirements of Article 590 temporary installations. This review was as a result of filing a field report with UL and was accomplished through the cooperation of power outlet manufacturers and the N.D. State Electrical Board.

If you have any questions, please contact this office or a local inspector.

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### **HIGH-LEG IDENTIFICATION**

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A High Leg system is commonly found in a 120/240 volt delta system, which is covered in Article 408.3(F) of the National Electrical Code, which specifies "A switchboard or panelboard containing a 4-wire, delta-connected system where the middle point of one phase winding is grounded shall be legibly and permanently field marked as follows: Caution\_\_\_ Phase has \_\_\_ volts to ground". This article was a change in the 2008 Code and was highlighted in past newsletters. This marking is required in addition to the identification of the conductor specified in Article 110.15. Field inspectors have been indicating that this marking is commonly overlooked on installations. Please take note of this change when working on installations that have a High Leg system. In a similar topic, there is a proposal made in the 2011 NEC for a similar marking to be made on installations that are for an ungrounded system. Proper identification will help future installers in performing their duties.

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## IN MEMORY OF VERNE WESTERVALL, FORMER BOARD MEMBER FOR THE N.D. STATE ELECTRICAL BOARD

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Verne Westervall, 78, Hope, ND, died June 17, 2009. Verne was a Board Member for the North Dakota State Electrical Board from 1973 to 1983 and 1988 to 1990. He represented a consumer member of a rural electric cooperative and a member associated with an investor-owned utility, respectively. We appreciated the time he spent as a Board Member. We wish to express our deepest sympathy to RhodaJean, his wife, family and friends.

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## INSPECTOR DISTRICT CHANGES DUE TO INCREASED ACTIVITY IN NORTH DAKOTA

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In the fall of 2008, the North Dakota State Electrical Board had advertised for an additional electrical inspector for the western part of North Dakota (particularly Williston). Due to inadequate housing, interested individuals did not submit an application. With the increased activity in the western part of North Dakota, the Board has been utilizing other district inspectors to work in that area of the state. The Board periodically reviews construction activity in North Dakota and has made the following changes:



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|-----------------------------|---------------------------|------------------------------|
| District 1 – Josh Wilson    | District 2 – Vernon Hertz | District 3 – Mitch Feininger |
| District 4 – F. Al Schrader | District 5 – Greg Schmidt | District 6 – David Paul      |
| District 7 – Richard Krause | District 8 – Rich Wolfe   | District 9 – Lyle Wergeland  |

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## IN MEMORIUM

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We regret to announce the death of Chad Heilman, Bismarck, ND and John Thomas, Bismarck, ND. Chad obtained his Journeyman license #3966 on January 6, 2000 and his non-contracting Master license #2408 in 2006. John obtained his Journeyman license #0943 in 1955 and held it until 1989. We wish to express our deepest sympathy.

# NEW LICENSES ISSUED

Examinations were conducted in Bismarck on June 29th, July 13th, July 27th, August 10th, August 17th, August 24th, August 31st and September 14, 2009. We had 10 individuals who took the Master exam and 66 who took the Journeyman exam. **Our congratulations to the following applicants who passed their examination and were issued a license.**

## MASTERS

*@ Represents Reciprocal Licenses*

LICENSE #	NAME	ADDRESS	LICENSE #	NAME	ADDRESS
2628 @	Buer, Gerry	Atwater, MN	2641 @	Stolp, Jeremy	Duluth, MN
2629 @	Erickson, Wayne	Brainerd, MN	2642 @	Haskell, Terry	Rapid City, SD
2630 @	Peterson, Jeffrey	Canton, SD	2643	VenHuizen, Kevin	Hazen, ND
2631 @	Luhm, Robert	Duluth, MN	2644 @	Leeseberg, Scott	Park Rapids, MN
2632 @	Clark, John	Granite Falls, MN	2645 @	Haubrich, Gary	Bemidji, MN
2633	Truscinski, Scott	Grand Forks, ND	2646 @	Nelson, Michael	East Bethel, MN
2634	Ross, Michael	Cheyenne, WY	2647 @	Anderson, Jason	Newfolden, MN
2635	Wall, Dwaine	Bottineau, ND	2648	Torkelson, Michael	Moorhead, MN
2636	Perleberg, William	Hickson, ND	2649 @	Strand, Kurt	Alexandria, MN
2637 @	Field, Clarence	Detroit Lakes, MN	2650 @	Groen, Mark	Ellsworth, WI
2638 @	Otto, Laurence	Warroad, MN	2651	Latozke, Dean	Neche, ND
2639 @	Petterson, Kyle	Menahga, MN	2652 @	Johnson, Cory	Spearfish, SD
2640 @	Cina, Matthew	Minneapolis, MN			

## JOURNEYMAN

*156 Reciprocal Licenses Were Issued - The Following Represents Based on Exam*

LICENSE #	NAME	ADDRESS	LICENSE #	NAME	ADDRESS
5563	Wunderlich, Levi	Minot, ND	5674	LaPlante, Travis	Grand Forks, ND
5567	Allard, Tim	West Fargo, ND	5675	Schulz, Dustin	Williston, ND
5585	Lugert, Scott	West Fargo, ND	5676	Graetz, Tyler	Grand Forks, ND
5595	Differding, Jamie	Fargo, ND	5677	Silha, Cooper	Bismarck, ND
5606	Pojar, Danny	Kalamazoo, MI	5680	Berhow, Brent	Fertile, MN
5615	Chandler, Lance	Meridian, ID	5681	Schaar, Stephen	Fargo, ND
5618	Kannianen, Jordan	Stanley, ND	5682	Stoneburg, Chad	Moorhead, MN
5620	Steele, Joshua	Ross, ND	5689	Elberg, Andrew	Berthold, ND
5621	Kidwell, Adam	Minot, ND	5690	Lindborg, Erik	Dickinson, ND
5622	Schnell, Eric	Fargo, ND	5691	Pearson, Jeff	Gwinner, ND
5635	Newgard, Brandon	Mandan, ND	5692	Shelley, Jacob	Moorhead, MN
5642	Gilles, J. Paul	Minot, ND	5694	Gillihan, Jason	Minot, ND
5645	Jaeger, Brandon	Fargo, ND	5703	Barnes, Justin	Devils Lake, ND
5647	Litzinger, Chad	Grand Forks, ND	5704	Lindbo, Jacob	Fargo, ND
5653	Frolek, Adam	West Fargo, ND	5707	Gibson, Shane	Baraboo, WI
5655	Watkins, Jonathan	Moorhead, MN	5708	Ingman, Joshua	Dickinson, ND
5657	Berg, Jacob	Fargo, ND	5710	James, Jesse	Wahpeton, ND
5660	Halvorson, Keegan	Viking, MN	5714	Thielen, Ward	Williston, ND
5665	Nass, Calvin	Williston, ND	5726	Fiebelkorn, Gary	Burr Oak, MI
5670	Davis, Michael	Minot, ND	5727	Cope, Kevin	Muncie, IN
5671	Haus, Jeremy	Dilworth, MN	5734	Bretheim, Eric	Minot, ND
5672	Mathisen, Kelly	Fargo, ND	5735	Fjelstad, Matthew	Fargo, ND

## CLASS B

LICENSE #	NAME	ADDRESS
0514	Eckroth, Marcus	Wyndmere, ND