



NORTH DAKOTA STATE ELECTRICAL BOARD

P.O. Box 7335
Bismarck, ND 58507-7335
(701) 328-9522 - www.ndseb.com

Donald Offerdahl, Executive Director

AUGUST, 2008

NEWSLETTER

NO. 226

ELECTRICAL INSPECTOR POSITION OPENING IN NEW DISTRICT

The North Dakota State Electrical Board has an opening for an electrical inspector. Minimum qualifications are: A high school graduate with electrical trade school degree preferred. A licensed Journeyman capable of being a Master. Successful Journeyman candidate must take and pass North Dakota Master examination within 90 days of employment. Have a firm knowledge of the National Electrical Code and the North Dakota Laws, Rules and Wiring Standards. Ability to be a problem solver with excellent interpersonal, written and oral skills. Ability to learn computer system, read and trace circuitry, schematics and blueprints. Must be a self-starter committed to time management, highly motivated, teamwork, high quality customer service and be able to multi-task projects. Flexible scheduling and overnight travel required. Must be able to lift 50 pounds, climb ladders and scaffolds and follow department's safety procedures. Must possess a valid driver's license. Must successfully complete standard background and criminal record check.

The inspector will be located in the Williston area (District 10) and cover McKenzie, Williams, Divide and the western portion of Burke and Mountrail counties. A State Fleet vehicle will be provided for work purposes.

Applicants must complete an Application for Employment State Form 10950 (available at web site <http://www.nd.gov/hrms>, any N.D. Job Service, or at the North Dakota State Electrical Board by calling (701) 328-9522). Applicants must also submit with the Application a resume and cover letter explaining how their education, experience, and skills will qualify them for this position. Applicants who are residents of North Dakota and eligible to claim veteran's preference must include Form DD214. Claims for disabled veterans' preference must include a current statement of disabled status from the Veteran's Affairs Office. Completed Applications must be received by the N.D. Job Service, 1601 E. Century Avenue, Bismarck, ND 58503 by 5:00 pm on Friday, September 5, 2008.

THANK YOU TO PAM GEIGER

On behalf of the Board and staff, we would like to thank Pam Geiger of Mandan, North Dakota for her dedicated service to the Board for the last ten years. She represented the consumer member associated with a rural electric cooperative. Pam was appointed by Governor Schafer in 1998, and reappointed by Governor Hoeven in 2003.

GOVERNOR HOEVEN APPOINTS BEN KOPPELMAN TO N.D. STATE ELECTRICAL BOARD

Governor John Hoeven appointed Ben Koppelman as a Board Member representing a consumer member associated with a rural electric cooperative. Ben's appointment to the N.D. State Electrical Board took effect July 1, 2008. Ben graduated from West Fargo High School and attended NDSU. He owns and operates Vision Construction (residential and commercial construction). Ben and his wife, Julie, and their two children live in Horace, North Dakota. He enjoys hunting, fishing and golfing. We welcome Ben as part of the N.D. State Electrical Board and look forward to working with him.

JAMES SCHMIDT ELECTED PRESIDENT

The N.D. State Electrical Board held election of officers at their July 9, 2008 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. Eugene Cross of Mapleton was elected Vice President; Karen Karls of Bismarck, Secretary; and Earl Scherer of Bismarck, Treasurer. Congratulations on your new positions.

WIRING CERTIFICATES NEED TO FILLED OUT COMPLETELY AND PROPERLY

The North Dakota State Electrical Board has received wiring certificates that do not contain all of the information needed for an inspection. In some cases, the certificates are being returned to the contractor for more information, so this office can process the wiring certificates and inspect the wiring project. When filling out a wiring certificate, we would ask that all contractors give their best description of the work

being done as well as include phone numbers so the inspector can contact the owner or appropriate party to make arrangements for an inspection. If a certain time of the day is best for the inspector to contact the owner or appropriate party, please include that information as well. Your cooperation in this matter is greatly appreciated.

CODE VIOLATIONS NEED TO BE COMPLETED TIMELY

The N.D. State Electrical Board is experiencing code violations not being addressed until close to or after the due date. In some instances, the individual has indicated that they didn't understand the correction report. Each correction report lists the name and phone number of the inspector who wrote the report. We encourage you to review those reports when you get them and call the local inspector if there are any questions. On occasion, when there is a need for additional time, please contact the local inspector for an extension. If it is past the due date, you need to contact our office to get more time. Your cooperation in this matter is greatly appreciated.

NORTH DAKOTA CHAPTER IAEI TO HOLD MEETING

The North Dakota Chapter of the International Association of Electrical Inspectors will hold its annual continuing education seminar and meeting at the Seven Seas in Mandan, North Dakota on October 23-24, 2008. This year's seminar will be on the Soares Book on Grounding. Representatives from Code Making Panel 5 (Article 250) will be attending. Dave Williams, Principal Member of IAEI; Phil Simmons, Past Panel Chairman; Richard Loyd, Steel Tubing Industry; Underwriters Laboratories, and National Electrical Manufacturers Association. This seminar is one that all electrical contractors and engineers should attend. We had 200 people attend in the past. Ten (10) hours of continuing education will be granted. This

year's North Dakota IAEI Chapter Distinguished Service Award recipient is Eugene Cross of Mapleton, North Dakota. Eugene is an electrical contractor and has been active with the IAEI, N.D. Electrical Contractors Association as well as a board member representing a master electrician of the N.D. State Electrical Board. Eugene 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 17, 2008. Registration forms can be obtained from any electrical inspector in North Dakota or the State office. The Soares Grounding book (a \$50.00 value) will be given to the first 200 registrants. Hope to see you there! www.iaei.nd.org.

CLASSES AND COURSES FOR APPRENTICES STARTING

September of each year starts apprenticeship classes for both the Independent Electrical Contractors and the Dakotas Joint Apprenticeship Training Committee throughout North Dakota. In addition, the Bureau of Apprenticeship Training also approves correspondence and online training through the North Dakota State College of Science. We are once again providing you with this contact information:

**Dakota Area Wide
JATC**

2901 1st Avenue N.
Fargo, ND 58103
(701) 293-1300
Contact: Robert Wolf

**N.D. State College of
Science – Outreach Prog.**

800 6th Street N.
Wahpeton, ND 58076
(800) 342-4325
(701) 671-2177
Contact: Russ Karlgaard

**Independent Electrical
Contractors**

P.O. Box 1071
Pierre, SD 57501
(605) 224-9272
(800) 310-9272
Contact: Pam Fuhrer

There is no cost for a company to set up a Registered Apprenticeship program. More information can be obtained by visiting the United States Department of Labor's website at http://www.doleta.gov/OA/eta_default.cfm or Job Service's website at http://www.jobsnd.com/jsnd/jobsnd/seekers/train_wia.html. For further information, please contact Barry Dutton, State Director, at (701) 250-4700 or dutton.barry@dol.gov.

Our records show that there has been 177 apprentices registered since the effective date of February 1, 2008. Approximately 50 percent of those applications have indicated that they

have not started any related training to be eligible to take the Journeyman exam. Hopefully, these percentages will change by the end of the year. As we have stated in the past, new individuals getting into the electrical industry need to have good mentors from both Master and Journeyman electricians and office staff. Please take the time out of your day to be one of those mentors.

During apprenticeship registration renewals that will be completed by January 31, 2009, we hope to inform you that the percentage of apprentices not enrolled will be much less.

MINIMUM REQUIREMENTS WHEN INSTALLING SERVICES TO STRUCTURES

When installing service panels, there are some other items to install in addition to the panel. Here are some examples:

- When installing an electrical service for a moved-in house on a basement, it is the responsibility of the electrical contractor to install some additional items:
 - 1) A smoke detector shall be installed interconnected with the other smoke detectors in the house as per North Dakota Wiring Standards §24-02-01-16.1.
 - 2) Install a three-way switch for the stairway as per NEC 210.70(A)(2)(c) and illumination for the panel as per NEC 110.26(D).
 - 3) Install a GFCI receptacle to serve the unfinished basement in addition to those receptacles for specific equipment as per NEC 210.52(G)(1 and 2).

It is also important to look over the home and communicate with the homeowner for any other additional items that were not installed on the home because of the home being moved from one location to the other.

- When installing an electrical service for a detached garage associated with a dwelling, the following items shall be installed in addition to the panel:
 - 1) At least one wall switch located at the egress door to control at least one light for the outside of the garage and one light for the inside of the garage as per NEC 210.70(A)(2)(a and b) shall be installed. The light installed inside the garage may also serve as the illumination for the panel that is required as per NEC 110.26(D).
 - 2) At least one GFCI receptacle in the garage as per NEC 210.52(G)(1 and 2) shall be installed.

Please keep these requirements in mind when a customer requests that you install a service panel to their moved-in home or detached garage.

WESTERN SECTION IAEI TO HOLD MEETING

The International Association of Electrical Inspectors will hold their Western Section Annual Meeting on September 21-24, 2008 in Rapid City, South Dakota. Fourteen (14) hours of continuing education will be awarded for individuals attending the entire convention. For further information, go to www.iaei-western.org.

POWER TO GARAGES & OUTBUILDINGS WITH GARAGE DOOR OPENERS

Article 210(8)(A)(5), Exception 1, "GFI protection is not required on receptacles not readily accessible" was eliminated in the 2008 NEC. Based on comments received at continuing education classes and this office, this matter was presented to the Board. It was the decision of the Board that a single receptacle shall be permitted in lieu of ground-fault circuit protectors for garage door openers. This exception is not allowed for any other GFI-protected receptacle in the garage.

NEW LICENSES ISSUED

Examinations were conducted in Bismarck on June 30th, July 14th, July 28th, August 11th and August 18th, 2008. We had 10 individuals who took the Master exam and 34 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
2547 ®	Miller, Michael	Warren, ND	2553 ®	Zotz, Douglas	Milaca, MN
2548 ®	Doherty, Richard	Fridley, MN	2554 ®	Schumacher, David	Ortonville, MI
2549	Kyllo, Chad	Clifford, ND	2555	Sayler, Cory	West Fargo, ND
2550 ®	Eberts, Eric	Mandan, ND	2556 ®	Knode, Jerome	Mora, MN
2551	Dall'Orso, Max	Round Rock, TX	2557 ®	Morrison, Donovan	Ogema, MN
2552 ®	Lahman, Ryan	Parkers Prairie, MN	2558 ®	Pederson, Bradley	Annandale, MN

JOURNEYMAN

® Represents Reciprocal Licenses

LICENSE #	NAME	ADDRESS	LICENSE #	NAME	ADDRESS
5186	Johnson, Paul	Fargo, ND	5202	Lovejoy, Tyson	Moorhead, MN
5187	Kasowski, Levi	Buffalo, ND	5203	Peterson, Thomas	Moorhead, MN
5188	Carlson, Kaylan	Minot, ND	5204	Cullen, Anthony	Horace, ND
5189 ®	Eberts, Eric	Mandan, ND	5205	Latozke, Dean	Neche, ND
5190 ®	Smykalski, Chad	Akeley, MN	5206 ®	Couch Jr, Samuel	Pierpont, SD
5191	Bergh, Gordon	West Fargo, ND	5207	Cronin, Brian	West Fargo, ND
5192	Iwaniw, Russell	Bismarck, ND	5208	Hager, Brandon	Fargo, ND
5193	Shaw, Tekoa	Fargo, ND	5209	McDonald, Douglas	Deering, ND
5194 ®	Kent, Robert Mikel	Clarissa, MN	5210 ®	Johnson, Matthew	Moorhead, MN
5195 ®	Krause, Douglas	Olivia, MN	5211 ®	LaFollette, Joan	Greybull, WY
5196 ®	Robbins, Bruce	Denver, CO	5212	Rintoul, Peter	Minot, ND
5197 ®	Smith, Michael	White Bear Lk, MN	5213	Walker, Brendon	Minot, ND
5198	Rogerson, Jeffery	Bismarck, ND	5214	Knudsen, Lucas	Fargo, ND
5199	Martin, Michael	Minot, ND	5215	Matti, Kyle	Moorhead, MN
5200	Gunnerson, Scott	Moorhead, MN	5216 ®	Nordin, Gregg	Salcha, AK
5201	Johnson, Roger	Hoople, ND			

IN MEMORIAM

We regret to announce the death of Glenn Schulz, Bismarck, North Dakota. Glenn obtained his Master license #1022 in 1975. We wish to express our deepest sympathy to his family and friends.