

Board of Electricity
Meeting Minutes
Tuesday, July 8, 2014, 2014 @ 9:00 a.m.
Minnesota Room, Department of Labor & Industry
443 Lafayette Road, St. Paul, MN 55155

Members Present:

Andy Toft (Chair)
Joe Vespa
Kim Huxford
Jim Freichels
Willy Hoskins
Scott Novotny
Dan Westberg
Laura Karow
John McConnell
Doug Fingerson

DLI Staff & Visitors:

Bill Bierman – (DLI)
Lyndy Lutz – (DLI)
John Williamson (DLI)
Sam Sampson (DLI)
Gary Thaden (NECA)
Scott Nutting (CEIA)
Jim Nimlos (Mpls. Electrical JATC)
Bill Heaney (IBEW)
Phil Raines (ABC)

Members Absent:

Dan Klein

I. Call to Order

The meeting was called to order at 9:00 a.m. by Chair Toft. Roll call was taken by Secretary Huxford; a quorum was declared.

II. Approval of Meeting Agenda

A motion was made by Vespa, seconded by Freichels, to approve the agenda. The vote was unanimous; the motion carried.

III. Approval of Previous Meeting Minutes

A motion to approve the minutes was made by Fingerson, seconded by Huxford. The vote was unanimous; the motion carried.

IV. Regular Business

- a. **Expense Approval** – Toft reviewed and approved the per diem and expenses. A motion was made by McConnell, seconded by Fingerson, to approve per diem and expenses. The vote was unanimous; the motion carried.

- b. **Enforcement** – Sam Sampson provided an update. There were 92 electrical enforcement actions since January 1, 2014 and updates can be viewed on the department’s website at: <http://www.dli.mn.gov/CCLD/Enforcement.asp>

Steve Hancock retired and a new electrical investigator position is needed – a job description is posted on the department’s website under the enforcement link.

- c. **E-Licensing and e-TRAKiT** – Sampson provided a handout titled “Minnesota Electrical Licensing Statistics, July 8, 2014” (see Attachment A).
E-Licensing: Jim Friechels noted that he was impressed with the online licensing process. Sampson will follow up on budgeting for a plastic license in lieu of paper.
e-TRAKiT – John Williamson provided an update for 1st and 2nd quarter – 1st quarter, there were a total of 17,705 permits – 25% paper, 75% online. In the 2nd quarter, there was a 59% increase in permits totaling 28,127 – 21% paper, 79% online. In FY 2014 (July 1, 2013 to June 30, 2014) there were 99,000 electrical permits; \$9.1 million in total fees; \$493,000 in surcharge fees; and \$8.6 net inspection fees with the average permit fee amounting to \$87 per inspection with total inspections at 135,000 for FY 2014.

IV. Special Business

- a. **Election of Officers** – the meeting was turned over to Sam Sampson, Commissioner’s Designee for election of officers.

Chair – Vespa nominated Toft. No other nominations were given. Vote was unanimous, nomination passed. Andy Toft was re-elected as Chair.

Vice Chair – Toft for Vespa as Vice Chair. No other nominations were given. Vote was unanimous, nomination passed. Joe Vespa was re-elected as Vice-Chair.

Secretary – Friechels for Huxford as Secretary. No other nominations were given. Vote was unanimous, nomination passed.

- b. The meeting was turned back over to re-elected Chair Toft.
- c. **2014 NEC & Satellite System Installers – publication of both Notices of Adoption on June 16th**
Bill Bierman gave an update – Both rules were published on June 16, 2014 with effective dates as follows: NEC – July 1, 2014; Satellite System Installer – June 21, 2014.
- d. **Update on Reciprocal Agreements**
Sam Sampson said that the electrical industry in Wisconsin is very eager to pursue a reciprocal agreement with Minnesota and added that Wisconsin recently changed their statutory language. (See Attachment B and C for MN and WI statutory language). Minnesota has master level license reciprocity with North and South Dakota and Iowa. The department is interested in a reciprocal agreement with Wisconsin and the Commissioner can enter into this agreement with the approval of the board. Sampson asked the Board if a reciprocal agreement with Wisconsin should be pursued.
A motion was made by Hoskins, seconded by Westberg, to pursue reciprocal licensing with the state of Wisconsin. The vote was unanimous; the motion carried.

VI. Committee Reports

John McConnell gave an update on the Construction Codes Advisory Council (CCAC) – New Green Energy code is being discussed but he isn't sure if the electrical industry will be affected. Apprenticeship Laws are being re-written so language is uniform for all trades.

VII. Complaints

No complaints brought forth. Please see the department's website for information at: <http://www.dli.mn.gov/CCLD/ElectricalComplaints.asp>

VIII. Open Forum

Nothing brought forth.

IX. Board Discussion

Sampson noted that effective on 7/9/2014 exams will include new code language.

X. Announcements

Next Regularly Scheduled Meeting (subject to change)

- **Tuesday, October 14, 2014 @ 9:00 a.m. – Minnesota Room, DLI**

XI. Adjournment

A motion was made by Vespa, seconded by Hoskins, to adjourn at 9:32 a.m. The vote was unanimous; the motion carried.

Respectfully Submitted,

Kim Huxford

Kim Huxford
Secretary

MINNESOTA ELECTRICAL LICENSING STATISTICS

JULY 8, 2014

Personal License Type	Active
Registered unlicensed electrician	5,507
Registered unlicensed PLT	3,878
Journey A electrician	10,105
Journey B electrician	21
Master A electrician	6,044
Master B electrician	20
Power limited technician	5,596
Lineman	100
Installer A	0
Installer B	11
Maintenance electrician	211
Satellite system installer	12

Business License Type	Active
Class A contractor	2,440
Class B contractor	8
Registered electrical employer	461
Technology system contractor	1,285
Satellite system contractor	6

MN Requirements for Journeyman Electricians

B. Class A journeyman electrician, the minimum total is 48 months, including:

- (1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;
- (2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;
- (3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;
- (4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of 24 months, maximum credit allowance of 48 months;
- (5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;
- (6) line work: minimum experience of zero months, maximum credit allowance of three months;
- (7) installing elevators: minimum experience of zero months, maximum credit allowance of six months;
- (8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;
- (9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of 12 months; and
- (10) a maximum of one year of experience credit will be allowed for the successful completion of a two-year, post high-school electrical course approved by the department.

WI Requirements for Journeyman Electricians

101.87 Requirements for journeyman electricians.

(1) An applicant for licensure as a journeyman electrician shall have at least one of the following qualifications:

(a) Completion of a construction electrician apprenticeship program in installing, repairing, and maintaining electrical wiring that has a duration of at least 3 years and that is approved by the U.S. department of labor or by the department of workforce development, followed by passage of an examination required by the department.

(b) Experience in installing, repairing, and maintaining electrical wiring during a period of not less than 48 months, with at least 8,000 hours of experience over that period, followed by passage of an examination required by the department.

(2m) For purposes of meeting the requirement relating to experience under sub. [\(1\) \(b\)](#), a degree or diploma from a 2-year program in a school of electrical engineering or from a 2-year program in an accredited technical or vocational school in an electrical-related program shall be accepted by the department as being equivalent to 12 months and 2,000 hours of experience.

(3m) Subsection [\(1\)](#) does not apply to any residential or industrial journeyman electricians or to any other type of journeyman electrician that may be recognized under s. [101.84 \(5\)](#). The qualifying criteria required for licensing residential and industrial journeyman electricians and any other such type of journeyman electrician shall be established by the department by rule.

MN Requirements for Master Electricians

A. Class A master electrician, the minimum total is 60 months, including:

- (1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;
- (2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;
- (3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;
- (4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of 12 months, maximum credit allowance of 48 months;
- (5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;
- (6) line work: minimum experience of zero months, maximum credit allowance of three months;
- (7) installing elevators: minimum experience of zero months, maximum credit allowance of six months;
- (8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months; and
- (9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of 12 months.

WI requirements for Master Electricians

101.868 Requirements for master electricians.

(1) An applicant for licensure as a master electrician shall have at least one of the following qualifications:

(a) A bachelor's degree or master's degree in electrical engineering, followed by passage of an examination required by the department.

(b) Twelve months of experience in installing, repairing, and maintaining electrical wiring while being licensed as a journeyman electrician, followed by passage of an examination required by the department.

(c) Experience in installing, repairing, and maintaining electrical wiring during a period of not less than 60 months, with at least 10,000 hours of experience over that period, followed by passage of an examination required by the department.

(2) Subsection [\(1\)](#) does not apply to any residential master electrician or to any other type of master electrician that may be recognized under s. [101.84 \(5\)](#). The qualifying criteria required for licensing residential master electricians and any other such type of master electrician shall be established by the department by rule.