

ND State Electrical Board
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Special Edition Newsletter
~ 100th Anniversary Open House ~
Wednesday, August 23, 2017
~ See Inside for Details ~

Find us at
www.ndseb.com

Celebrating 100 Years of Ensuring Public Safety

NDSEB Purpose and Scope Still Today

Practical safeguarding of persons and of buildings and building contents from electrical hazards arising from the use or control of electricity for light, heat, power, and control thereof.

KEEP YOUR ELECTRICAL WIRING INSTALLATION SAFE

Proper care and maintenance of the wiring and your electrical equipment will give you every reasonable assurance of safe, dependable and economical service.

Observe These Simple Precautions

1. FUSES AND CIRCUIT BREAKERS
 These are the SAFETY VALVES of Your Electrical System.

Never replace any fuses with a size larger than those originally installed. (Not over 15 amperes for any lighting circuit.) Fuses protecting motors or appliance circuits must conform with proper rating. NEVER USE ANY METAL IN OR AROUND FUSE HOLDERS. Always insist on Fuses bearing Underwriters Label. Where Circuit Breakers are used instead of fuses, never tamper with the mechanism. If the reset lever or button will not stay in, call your electrician for advice or service.

2. WHEN ADDITIONAL WIRING IS NECESSARY.

Remember, the safety of your entire electrical system may be destroyed by one poor connection or extension.

Never cut into any electrical wires, cables, conduit or raceway, to make any tap, connection or extension to your system, unless you use the proper methods and equipment. AMATEUR WORK frequently results in shocks, burned fingers or fires!

3. DON'T USE ORDINARY LAMP CORD OR OTHER MAKESHIFT ARRANGEMENTS for long extensions for lights, motors, or appliances. Worn or frayed cords are dangerous! Replace them promptly with approved cords.

4. AFFIDAVITS ON ADDED WORK. When you have additional wiring or equipment installed, ask the person installing same to file a wiring affidavit certifying that the work is properly done as required by the State Law.

Excerpt from 1949 North Dakota Farmstead Wiring Regulations

Excerpt from 1947 Laws & Regulations —

Chapter 43-09 N.D.R.C. 1943 under which the State Board of Electricians operates, provides that members of the Board and the State Fire Marshal are charged with the duty to inspect all wiring in all public buildings and moving picture theatres.

Excerpt from 1975 Laws, Rules, Regulations & Wiring Standards—

Compliance with these standards and proper maintenance of an approved installation should result in an installation reasonably free from hazard but not necessarily efficient or convenient.

Excerpt from Spring, 2004 Newsletter and in many others —

May is "Electrical Safety Month". It is time to emphasize to the citizens of North Dakota what important role electricity plays in our everyday needs. It is also essential to remember to keep safety in mind to help safeguard ourselves and loved ones year round.



Ensuring Public Safety Since 1917

Connections

Issue 254
 August 2017

~ 100th Anniversary from 1917 to 2017 ~

Board History

1917 ~ The Board of Electricians was created to consist of three members appointed by the Governor for periods of two, four and six years, which consisted of one master electrician engaged in active work, one journeyman electrician and one electrical engineer of known ability. A Chairman and Treasurer were selected from its members.

The purpose of the board was to prescribe rules for the management of its affairs, adopt a seal and conduct examinations.

The board met on or about the first Monday in January and July of each year for this purpose.

1919 ~ the State Fire Marshal replaced the Commissioner of Insurance as the ex-officio member, secretary, and state fire inspector of the electrical board.

State Fire Marshal and members of the board acted as inspectors.

1941 ~ The Commissioner of Insurance again replaced the State Fire Marshal. A moving picture machine operator replaced the electrical engineer on the board.

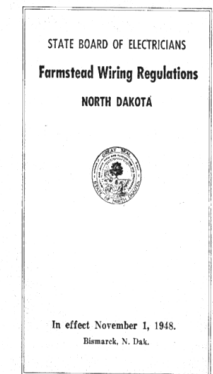
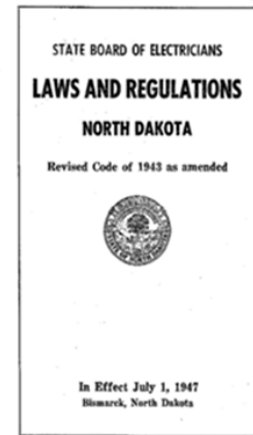
1949 ~ The Board of Electricians was renamed the State Electrical Board.

1949 ~ the board increased to five members who were appointed by the Governor for a term of five years with terms so arranged that only one term expired on June thirtieth of each year. Members included a farmer and one member selected from a list of three candidates submitted by the consumer members of the rural electric cooperative, licensed master electricians, licensed journeyman electricians, and licensed motion picture operators.

1967 ~ the five board members shall consist of the following; one member of the board shall represent the public and shall not be directly associated with the electrical industry. One member of the board shall be selected from three names submitted by each of the following groups: consumer members of rural electric cooperatives, master licensed electricians, licensed journeyman electricians, and investor-owned electric utilities.

1977 ~ the board was allowed to select a secretary from among the members.

1981 ~ members of the board are as follows: The board shall include a master electrician who is a contractor, a journeyman electrician, a person associated with an investor owned utility, a consumer member of a rural electric cooperative and a representative of the public not directly associated with the electrical industry. ☺



1947 Laws and Regulations and 1948 Farmstead Wiring Regulations

~ 100th Anniversary Open House ~

Please join us for an Open House to celebrate our 100th year!

Wednesday, August 23, 2017

10:00 a.m. to 2:00 p.m.

1929 North Washington Street, Suite A-1

Bismarck, North Dakota

Interesting Fact

Operators of the moving picture machine and telephone switchboards located in public buildings were required to be board licensed.

Qualifications: Two years' experience in the line of work for which he requests a license.

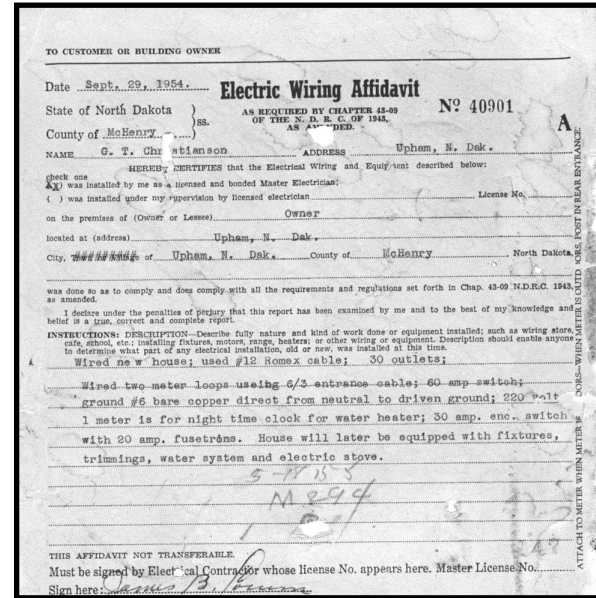
In 1949, a board member included a farmer and a licensed motion picture operator.

Inspection History

1917 ~ the State Insurance Commissioner served as the ex-officio member and Secretary of the board and also as the state electrical inspector. As state electrical inspector, their duty under direction of the state board, was to provide for the inspections of work according to rules of the National Board of Underwriters and to approve appointment of local inspectors in cities and villages.

1917 ~ fees may be charged to cover the cost of local inspections not in excess of one dollar (\$1.00) for each trip and shall be met by the local authorities. Fees collected were for the sole purpose of furthering the improvements of the grade of electrical construction within the state. Receipts and disbursements for the preceding year are to be reported to the Governor on or before the first Monday in January.

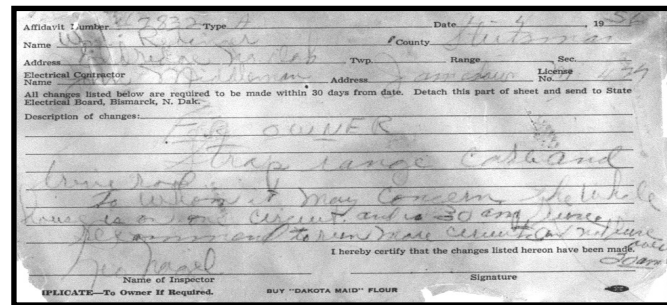
1949 ~ the board appointed qualified inspectors to inspect any electrical wiring installation involving a value of fifty dollars or more.



Electrical Wiring Affidavit ~ 1954

Minimum Inspection Fees from 1963 to 2017

Job Cost	Inspection Fee	Effective Date
\$50.00 to \$100.00	\$2.00 (minimum)	July 1, 1963
\$50.00 to \$100.00	\$3.00 (minimum)	January 1, 1972
Up to \$99.99	\$5.00 (minimum)	January 1, 1975
Up to \$100.00	\$10.00 (minimum)	January 1, 1984
Up to \$300.00	\$15.00 (minimum)	January 1, 1987
Up to \$300.00	\$25.00 (minimum)	April 1, 2005
Up to \$500.00	\$25.00 (minimum)	August 1, 2017



Electrical Correction Report ~ 1956

Board Members 1917 & 2017

1917 Board Members

- A.J. Bentley (Journeyman)
- R.L. Melville (Master)
- Anton Olson (Electrical Engineer)

2017 Board Members

- Rod Mayer (Master)
- Mark Christopher (Journeyman)
- Brad Sylliaasen (Investor-owned Utility)
- Ben Koppelman (Rural Electric Coop)
- Tom Paulson (Consumer)

#1 Master license issued to Barney Tingelstad

~ To date, 3,735 Master licenses have been issued ~

#1 Journeyman license issued to O.K. Thorwaldson

~ To date, 10,185 Journeyman licenses have been issued ~

#1 Class B license issued to Joseph Finell in 1949

~ To date, 517 Class B licenses have been issued ~

#1 Apprentice registration issued to Kenneth Sondrol in 1967

~ To date, 14,350 apprentice registrations have been issued ~

License History

1917 ~ there were three classes of licenses; master, journeyman and special electrician. The master and journeyman took an oath they had three years experience and the special electrician took an oath they had two years experience.

1917 ~ a person under the age of twenty one was licensed only as a special electrician.

1949 ~ another classification of electricians was added by the board known as class B electricians, who shall have 18 months experience in farmstead wiring.

1955 ~ a master electrician was required to have one year's experience as a journeyman and a journeyman was required to have three year's experience.

1967 ~ apprentice electricians, under the supervision of a state licensed electrician, were recognized by the board. Journeyman required to have four year's experience.

1967 ~ apprentices were required to be registered.

1991 ~ board approved a policy that sets an apprentice to journeyman ratio on a job as 3 to 1.

2008 ~ apprenticeship training or appropriate course of study required to qualify and take journeyman exam. ⚡

License Fee History

1917
 Master ~ \$5.00 applicant fee
 Journeyman ~ \$3.00 applicant fee
 Special Electrician ~ \$2.00 applicant fee

1927
 Master ~ \$15.00 applicant fee/\$7.00 annual dues
 Journeyman ~ \$7.00 applicant fee/\$3.00 annual dues pro-rata
 Special Electrician ~ \$5.00 applicant fee/\$3.00 annual dues pro-rata

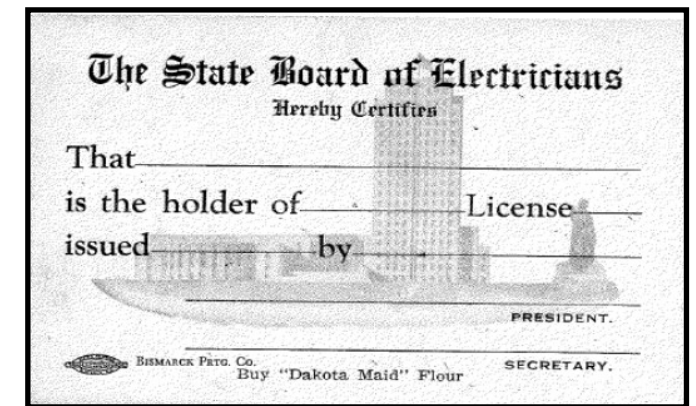
1949
 Master ~ \$15.00 exam and annual license fee
 Journeyman ~ \$10.00 exam and annual license fee
 Class B ~ \$10.00 exam and annual license fee

1955
 Master ~ \$25.00 exam and annual license fee
 Journeyman ~ \$10.00 exam and annual license fee
 Class B ~ \$10.00 exam and annual license fee

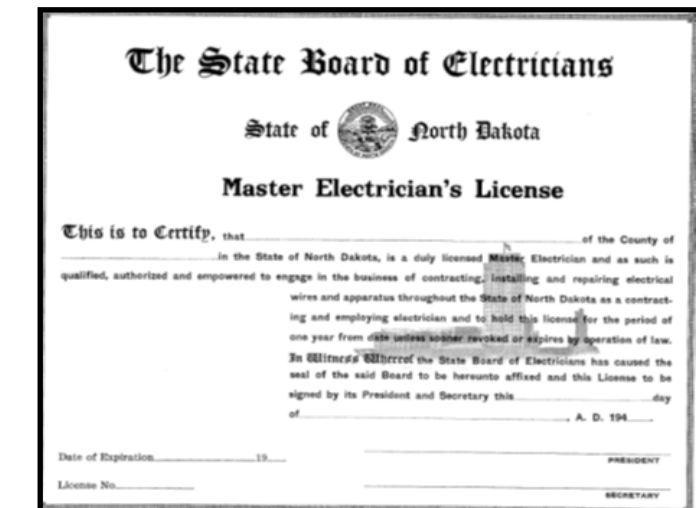
1967
 Master ~ \$25.00 exam fee/\$40.00 annual license fee
 Journeyman ~ \$10.00 exam fee/\$15.00 annual license fee
 Class B ~ \$10.00 exam fee/\$20.00 annual license fee
 Apprentice ~ \$5.00 registration fee

1990
 Master ~ \$50.00 application and renewal fee
 Journeyman ~ \$25.00 application and renewal fee
 Class B ~ \$40.00 application and renewal fee
 Apprentice ~ \$10.00 registration and renewal fee

2017
 The same as 1990. The board hasn't changed its licensing fees for 27 years.



License ID Card Pre-1949



Master License Pre-1949