regardless of whether or not more than 25 percent of the assessed valuation consists of iron ore.

Sec. 2. The division of the proceeds of the taxes distributable hereunder to the aforesaid villages and towns shall be made and distributed by the state treasurer upon the certificate of the commissioner of taxation.

Sec. 3. After approval is required by section 4, this act shall become effective as of January 1, 1967.

Sec. 4. This act shall be effective upon its approval by the governing bodies of the village of Cooley, the village of Nashwauk, the village of Keewatin, the town of Nashwauk, the town of Lone Pine and the town of Greenway, and upon compliance with the provisions of Minnesota Statutes, Section 645.021.

Approved May 19, 1967.

# CHAPTER 602-S. F. No. 380

## [Coded in Part]

An act relating to electricity; empowering state board of electricity; licenses; safety standards; inspections; providing penalties; amending Minnesota Statutes 1965, Section 326.01, Subdivisions 2, 3, 4, 5, 6 and 6a; amending Minnesota Statutes 1965, Section 326.01 by adding a new subdivision; repealing Minnesota Statutes 1965, Sections 326.24, 326.25, 326.26, 326.261, 326.27, 326.28, 326.29, 326.31 and 326.32.

Be it enacted by the Legislature of the State of Minnesota:

Section 1. [326.241] Minnesota electrical act; state board of electricity. Subdivision 1. Composition. The State Board of Electricity shall consist of seven members, residents of the State, appointed by the Governor with the advice and consent of the Senate, each for a term of five years, and until his successor qualifies, of whom at least two shall be representatives of the electrical suppliers in the rural areas of the state, two shall be master electricians, who shall be contractors, two journeyman electricians, and one a registered consulting electrical engineer.

Subd. 2. **Powers.** The Board shall have power to:

(1) Elect its own officers;

(2) Engage and fix the compensation of such officers, inspectors, and employees as it may see fit. All agents and employees other than the executive secretary, an assistant executive secretary, and contract inspectors shall be in the classified service. All inspectors shall hold licenses as master or journeyman electricians under Section 2, Subdivision 1 (1) or Subdivision 2 (1), and shall give bond in an amount fixed by the Board, conditioned upon the faithful performance of their duties.

(3) To pay such other expenses as it may deem necessary in the performance of its duties, including rent, supplies, and such like.

(4) To enforce the provisions of this Act, and provide, upon request, such additional voluntary inspections and reviews as it may deem appropriate.

(5) To issue, renew, refuse to renew, suspend and revoke licenses provided for in this Act.

(6) To adopt reasonable rules and regulations to carry out its duties under this Act and to provide for the amount and collection of fees for inspection and other services. All such rules and regulations shall be adopted in accordance with Minnesota Statutes 1965, Chapter 15.

Subd. 3. Compensation and finances. Each member of the Board shall be paid compensation of \$35.00 per day for each day spent in performance of his duties, plus actual expenses. Compensation and expenses shall not be paid for more than twenty-four days in any calendar year, exclusive of days spent in actual attendance at required public hearings on matters before the Board in regard to rules and regulations, appeals, or license proceedings. All fees collected under the provisions of this Act are annually appropriated to the Board for its use and, on or before October 1 of each year, the Board shall report, in writing, to the Governor and the Commissioner of Administration its receipts and disbursements for the preceding twelve months.

Sec. 2. [326.242] Licenses. Subdivision 1. Master electrician. Except as otherwise provided by law, no person shall, for another plan, lay out, and supervise the installation of wiring, apparatus, and equipment for electrical light, heat, power, and other purposes unless he is licensed by the Board as a master electrician or licensed electrical contractor.

(1) An applicant for a Class A master electrician's license shall (a) be a graduate of a four year electrical course in an

accredited college or university; or (b) shall have had at least one year's experience, acceptable to the Board, as a licensed journeyman; or (c) shall have had at least five years' experience, acceptable to the Board, in planning for, laying out, supervising and installing wiring, apparatus, or equipment for electrical light, heat and power.

(2) An applicant for a Class B master electrician's license shall have had at least three years of experience, acceptable to the Board, in electrical work. No Class B master electrician's license shall be valid except in regard to single phase systems, not over 200 amperes in capacity, on farmsteads or in single family dwellings located in towns or municipalities with fewer than 2500 inhabitants. References herein to "master electrician" shall include "Class B master electrician" unless otherwise specified.

Subd. 2. Journeyman electrician. No person shall, for another, wire for, install, or repair electrical wiring, apparatus, or equipment, unless he is licensed by the Board as a master electrician or journeyman electrician or licensed electrical contractor.

(1) An applicant for a Class A journeyman electrician's license shall have had at least four years of experience, acceptable to the Board, in wiring for, installing, and repairing electrical wiring, apparatus, or equipment, provided however, that the Board may by rule or regulation provide for the allowance of one year of experience credit for successful completion of a two-year post high school electrical course approved by the Board.

(2) An applicant for a Class B journeyman electrician's license shall have had at least two years of experience, acceptable to the Board, in wiring for, installing, and repairing electrical wiring, apparatus, or equipment. No Class B journeyman's license shall be valid except in regard to single phase systems, not over 200 amperes in capacity, on farmsteads or in single family dwellings located in towns or municipalities with fewer than 2500 inhabitants.

Subd. 3. Installer. Notwithstanding the provisions of subdivisions 1, 2 and 6, any person holding an Installer license may lay out and install electrical wiring, apparatus and equipment for major electrical home appliances on the load side of the main service on farmsteads and in any town or municipality with fewer than 1500 inhabitants, which is not contiguous to a city of the first class and does not contain an established business of a master electrician.

An applicant for an Installer license shall have completed a post high school course in electricity acceptable to the Board or shall have had at least one year's experience, acceptable to the Board or shall

have had at least one year's experience, acceptable to the Board, in electrical wiring.

Every Installer, as a condition of his license, shall give bond to the state in the sum of \$1,000.00 conditioned upon the faithful and lawful performance of all work contracted for or entered upon by him within the State of Minnesota, and such bond shall be for the benefit of persons injured or suffering financial loss by reason of failure of such performance. Such bond shall be in lieu of all other license bonds to any political subdivision of the state. Such bond shall be written by a corporate surety licensed to do business in the State of Minnesota.

Subd. 4. Special electrician. Notwithstanding the provisions of subdivisions 1, 2, 6, and 7, the Board shall by rule or regulation provide for the issuance of special electrician licenses empowering the licensee to engage in a limited class or classes of electrical work, which class or classes shall be specified on the license certificate. Each licensee shall have had at least two years of experience, acceptable to the Board, in each such limited class of work for which he is licensed.

Subd. 5. Apprentices. Any person may work as an apprentice to a licensed electrician, but shall do no electrical wiring except under the personal on-the-job supervision of such licensed electrician.

Subd. 6. Except as otherwise provided by law, Contractors. no person other than an employee of a licensed electrical contractor shall undertake or offer to undertake for another to plan for, lay out, supervise and install or to make additions, alterations, and repairs in the installation of wiring apparatus and equipment for electrical light, heat, and power for a fixed sum, price, fee, percentage, or other similar compensation unless he shall obtain an electrical contractor's license. Such license shall be issued by the Board upon the contractor's giving bond to the State in the penal sum of \$2,000.00 conditioned upon the faithful and lawful performance of all work entered upon by him within the state of Minnesota and such bond shall be for the benefit of persons injured or suffering financial loss by reason of failure of such performance. The bond shall be filed with the Board and shall be in lieu of all other license bonds to any political subdivision. Such bond shall be written by a corporate surety licensed to do business in the state of Minnesota.

Each licensed electrical contractor shall have and maintain in effect public liability insurance (including products liability insurance) with limits of at least \$50,000.00 per person and \$100,000.00 per occurrence and property damage insurance with limits of at least

\$10,000.00. Such insurance shall be written by an insurer licensed to do business in the state of Minnesota and each licensed electrical contractor shall maintain on file with the Board a certificate evidencing such insurance which provides that such insurance shall not be cancelled without the insurer first giving 15 days written notice to the Board of such cancellation.

No contractor shall engage in business unless he is or has in his employ a licensed Class A master or Class B master electrician, who shall be responsible for the performance of all electrical work in accordance with the requirements of this Act, and the classes of work for which the licensed electrical contractor is authorized shall be limited to those for which such Class A master, or Class B master employed by him is licensed.

Subd. 7. Examination. In addition to the requirements imposed herein and except as herein otherwise provided, as a precondition to issuance of an electrician's license, each applicant must pass a written examination given by the Board to insure the competence of each applicant for license. No person failing an examination may retake it for six months thereafter, but within such six months he may take an examination for a lesser grade of license. Any licensee failing to renew his license for two years or more after its expiration shall be required to retake the examination before he is issued a new license.

An applicant for journeyman's or special electrician's license who shall furnish evidence satisfactory to the Board that he has the requisite experience, upon written application, payment of the examination fee and fulfillment of all other requirements stated herein may work as a journeyman or special electrician until the examination next following and the announcement of the results of such latter examination by the Board.

Subd. 8. License and renewal fees. All licenses issued hereunder shall expire one year from the date of issuance. The following fees shall be payable for examination, issuance and renewal:

(1) For examination:

Class A Master - \$35.00

Class B Master - \$20.00

Class A Journeyman, Class B Journeyman, Installer, or Special Electrician — \$10.00

(2) For issuance of original license and renewal:

[Chap.

Class A Master — \$35.00 Class B Master — \$20.00 Class A Journeyman, Class B Journeyman, Installer, or Special Electrician — \$7.50 Electrical Contractor — \$10.00

Subd. 9. **Revocation.** The Board may, for cause shown and upon notice and hearing in accordance with the rules and regulations of the Board and Minnesota Statutes 1965, Chapter 15, revoke, suspend, or refuse to renew any license issued hereunder.

Subd. 10. Continuation of business by estates. Upon the death of a master who is an electrical contractor the Board may permit his representative to carry on the business of the decedent for a period not in excess of six months, for the purpose of completing work under contract or otherwise to comply with this act. The representative shall give such bond as the Board may require conditioned upon the faithful and lawful performance of such work and such bond shall be for the benefit of persons injured or suffering financial loss by reason of failure of such performance. Such bond shall be written by a corporate surety licensed to do business in the State of Minnesota. Such representative shall also comply with all public liability and property damage insurance requirements imposed by this chapter upon a licensed electrical contractor.

Subd. 11. Reciprocity. To the extent that any other state which provides for the licensing of electricians provides for similar action the Board may grant licenses, without examination, of the same grade and class to an electrician who has been licensed by such other state for at least one year, upon payment by the applicant of the required fee and upon the Board being furnished with proof that the required fee and upon the Board being furnished with proof that the qualifications of the applicant are equal to the qualifications of holders of similar licenses in Minnesota.

Subd. 12. Exemptions from licensing. A maintenance electrician who is supervised by a master electrician or an electrical engineer registered with the Board and who is an employee of an employer and is engaged in the maintenance, and repair of electrical equipment, apparatus, and facilities owned or leased by his employer, and performed within the limits of property which is owned or leased and operated and maintained by said employer, shall not be required to hold or obtain a license under this Act; or

Employees of any electric, communications, or railway utility,

or of any independent contractor performing work on behalf of any such utility, shall not be required to hold licenses:

1. While performing work on installations, materials, or equipment which are owned or leased, and operated and maintained by such utility in the exercise of its utility function, and which

(i) are used in connection with the generation, transformation, distribution, transmission, or metering of electric current, or the operation of railway signals, or the transmission of intelligence and do not have as a principal function the consumption or use of electric current by or for the benefit of any person other than such utility, and

(ii) are generally accessible only to employees of such utility or persons acting under its control or direction; or

2. While performing work on installations, materials, or equipment which are a part of the street lighting operations of such utility; or

3. While installing or performing work on outdoor area lights which are directly connected to a utility's distribution system and located upon the utility's distribution poles, and which are generally accessible only to employees of such utility or persons acting under its control or direction.

Sec. 3. [326.243] Safety standards. All electrical wiring. apparatus and equipment for electric light, heat and power shall comply with the rules and regulations of the Railroad and Warehouse Commission, the Commissioner of Insurance, or the Industrial Commission, as applicable, and be installed in conformity with accepted standards of construction for safety to life and property. For the purposes of this Chapter, the regulations and safety standards stated at the time the work is done in the then most recently published edition of the National Electrical Code as approved by the United States of America Standards Institute, and the National Electrical Safety Code as issued by the National Bureau of Standards, shall be prima facie evidence of accepted standards of construction for safety to life and property; provided further, that in the event a Minnesota Building code is formulated pursuant to Minnesota Statutes 1965, Section 16.85, containing approved methods of electrical construction for safety to life and property, compliance with said methods of electrical construction of said Minnesota Building Code shall also constitute compliance with this section, and provided further, that nothing herein contained shall prohibit any political subdivision from making and enforcing more stringent requirements than set forth herein and such requirements shall be complied with by all licensed electricians working within the jurisdiction of such political subdivisions.

### Changes or additions indicated by *italics*, deletions by strikeout.

602]

[Chap.

Sec. 4. [326.244] Inspection. Subdivision 1. Required inspection. Except in cities of the first and second class and such other political subdivisions as have inspection similar to that herein provided, every new electrical installation in any construction, remodeling, replacement, or repair, except minor repair work as the same is defined by the Board by rule or regulation, shall be inspected by the Board for compliance with accepted standards of construction for safety to life and property.

Subd. 2. **Procedure.** At or before commencement of any installation required to be inspected by the Board, the electrical contractor, installer, special electrician, or owner making such installation shall submit to the Board a request for inspection, in a form prescribed by the Board, together with a supervisory fee of 50 cents and the inspection fees required for such installation.

If the inspector finds that the installation is not in compliance with accepted standards of construction for safety to life and property as required by Section 3 of this Act, he shall by written order condemn the installation or noncomplying portion thereof, or order service to such installation disconnected, and shall send a copy of his order to the Board. If the installation or the noncomplying part thereof is such as to seriously and proximately endanger human life and property, the order of the inspector when approved by his superior shall require immediate condemnation or disconnection. In all other cases, the order of the inspector shall permit a reasonable opportunity for the installation to be brought into compliance with accepted standards of construction for safety to life and property prior to the effective time established therein for condemnation or disconnection.

Copies of each condemnation or disconnection order shall be served personally or by mail upon the property owner, and the electrical contractor, installer, or special electrician making the installation, and such other persons as the Board by rule or regulation may direct. An aggrieved party may appeal any such condemnation or disconnection order by filing with the Board a notice of appeal within ten days after (a) service upon him of the condemnation or disconnection order, if such service is required, or (b) filing of the order with the Board, whichever is later. Thereupon the appeal shall proceed and the order of the inspector shall have such effect not inconsistent herewith as the order by its terms and the rules and regulations of the Board may provide. The Board shall adopt rules or regulations providing procedures for the conduct of such appeals, including provisions for the stay of enforcement of the order of the inspector pending such appeal when justified by the circumstances.

Subd. 3. **Duty of electrical utility.** No electrical installation subject to inspection by the Board shall be newly connected or reconnected for use until there is filed with the electrical utility supplying power a certificate of the property owner or licensed electrician, directing the work that inspection has been requested and that the conditions of the installation are safe for energization, provided further, that in all cases where an order of condemnation or disconnection has been issued against the installation or any part thereof, prior to connection or reconnection there shall also first be filed with the electrical utility supplying the power a copy of an order of the inspector or the Board dismissing such prior order of condemnation or disconnection or approving the installation as being in compliance with accepted standards of construction for safety to life and property. With respect to transient projects, the aforesaid certificate shall also contain a certification that the request for inspection has been or will be filed with the Board so as to be received by it at least five days prior to the date and time energization of the installation by the utility is to occur, and that the request for inspection states such date and time, and it shall be the responsibility of the Board to have inspection of such transient project occur prior to the date and time at which the request states energization is to occur.

Subd. 4. Powers of political subdivisions. Any political subdivision may make provision for inspection of electrical installations within its jurisdiction, in which case it shall keep on file with the Board copies of its current inspection ordinances and codes. No political subdivision shall require any individual, partnership, corporation or other business association holding a license from the State Board of Electricity under this Act to pay any license or registration fee, provided however, that any such political subdivision may provide by ordinance a requirement that each individual, partnership, corporation or other business association doing electrical work within the jurisdiction of such political subdivision have on file with said political subdivision a copy of the current license issued by the State Board of Electricity or such other evidence of such license as may be provided by the State Board of Electricity.

Each electrical inspector of any political subdivision must be a licensed master or journeyman electrician under Section 2, Subdivision 1 (1) or Subdivision 2 (1) and may not otherwise engage or be employed in the sale or installation of electrical wiring, devices, appliances or equipment, and shall have no financial interest in any concern engaged in any such business.

Subd. 5. Exemptions from inspections. Installations, materials, or equipment shall not be subject to inspection under this Act:

1. When owned or leased, operated and maintained by any employer whose maintenance electricians are exempt from licensing under this Act, except any electrical installations in any new construction or major remodeling; or

2. When owned or leased, and operated and maintained by any electric, communications or railway utility in the exercise of its utility function; and

(i) are used in connection with the generations, transformation, distribution, transmission, or metering of electric current, or the operation of railway signals, or the transmission of intelligence, and do not have as a principal function the consumption or use of electric current by or for the benefit of any person other than such utility; and

(ii) are generally accessible only to employees of such utility or persons acting under its control or direction; or

3. When used in the street lighting operations of an electric utility; or

4. When used as outdoor area lights which are owned and operated by an electric utility and which are connected directly to its distribution system and located upon the utility's distribution poles, and which are generally accessible only to employees of such utility or persons acting under its control or direction.

Sec. 5. [326.245] Manufacturing of electrical apparatus exempt. Electrical components, apparatus or appliances being manufactured within the limits of property which is owned or leased by a manufacturer and such manufacturer's production employees shall not be covered by this Act. Installation or repair of electrical appliance units, exclusive of electrical wiring to the unit, shall not be covered by this Act.

Sec. 6. [326.246] Crimes. It is a misdemeanor knowingly and willfully to commit, or to order, instruct, or direct another to commit, any of the following acts:

(1) To make a false statement in any license application, request for inspection, certificate or other lawfully authorized or required form or statement provided by this Act;

(2) To perform electrical work for another without a proper license for such work;

(3) To fail to file a request for inspection when required;

(4) To interfere with, or refuse entry to, an inspector lawfully engaged in the performance of his duties; and

(5) To violate any lawful rule, regulation or order of the Board.

Sec. 7. [326.247] Continuity. Persons now members of the Board shall remain in office until the expiration of the terms to which they were appointed. Board rules, regulations, forms, policies and classifications of special electricians now in effect, and not in conflict herewith, shall continue until lawfully modified or repealed.

Sec. 8. [326.248] Short title. This Act shall be known as the Minnesota Electrical Act.

Sec. 9. Severability. If any provision hereof is found to be unconstitutional or otherwise invalid, the remaining provisions shall remain in full force and effect except for such remaining provisions as are totally incapable of being executed without the invalid provision.

Sec. 10. Minnesota Statutes 1965, Section 326.01, Subdivision 2, is amended to read:

326.01. **Definitions.** Subd. 2. **Class A master electrician.** The term "Class A master electrician" means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the installation of wiring, apparatus, and equipment for electric light, heat, power, and other purposes in accordance with the standard rules and regulations governing such work, who is licensed as such by the State Board of Electricity.

Sec. 11. Minnesota Statutes 1965, Section 326.01, Subdivision 3 is amended to read:

Subd. 3. Class A journeyman electrician. The term "Class A journeyman electrician" means a person having the necessary qualifications, training, experience and technical knowledge to wire for, install, and repair electrical wiring, apparatus and equipment in accordance with the standard rules and regulations governing such work. who is licensed as such by the State Board of Electricity.

Sec. 12. Minnesota Statutes 1965, Section 326.01, Subdivision 4 is amended to read:

Subd. 4. **Special electrician.** The term "<del>limited</del> special electrician" means a person having the necessary qualification, training, and experience in wiring for, installing, or repairing special

Changes or additions indicated by *italics*, deletions by strikeout.

602]

classes of electrical wiring, apparatus or equipment or for special classes of electrical wiring installations or making minor alterations, extensions, and repairs to existing electrical eircuits or electrical installations in towns, villages; or eities of the fourth elass. who is licensed as such by the State Board of Electricity.

Sec. 13. Minnesota Statutes 1965, Section 326.01, Subdivision 5, is amended to read:

Subd. 5. Electrical contractor. The term "electrical contractor" means any person, firm, eopartnerhip, eorporation, association, or eombination thereof, as herein defined, who undertakes or offers to undertake with for another to plan for, lay out, supervise, and install or to make additions, alterations, and repairs in the installation of wiring, apparatus and equipment for electric light, heat, and power for a fixed sum, price, fee, percentage or other compensation- and who is licensed as such by the State Board of Electricity.

Sec. 14. Minnesota Statutes 1965, Section 326.01, Subdivision 6, is amended to read:

Subd. 6. Class B master electrician. The term "Class B master electrician" means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the installation and repair of wiring, apparatus, and equipment for single phase systems of not over 200 ampere capacity for light, heat, power, and other purposes on any farm or in any single family dwelling located in any town, village or eity of the fourth elass or municipality which has a population of less than 2500 inhabitants, in accordance with standard rules and regulations governing such work, who is licensed as such by the State Board of Electricity.

Sec. 15. Minnesota Statutes 1965, Section 326.01, Subdivision 6a, is amended to read:

Subd. 6a. Class B journeyman electrician. The term "Class B journeyman electrician" means a person having the necessary qualifications, training, experience, and technical knowledge to wire for, install and repair electrical wiring, apparatus, and equipment for single phase systems of not over 200 ampere capacity for light, heat, power, and other purposes on any farm or in any single family dwelling located in any town, village of eity of the fourth elass or municipality which has a population of less than 2500 inhabitants, im accordance with standard rules and regulations governing such work; who is licensed as such by the State Board of Electricity.

Sec. 16. Minnesota Statutes 1965, Section 326.01, is amended by adding a new subdivision to read:

Subd. 6b. Installer. The term "installer" means a person who has the necessary qualifications, training, experience, and technical knowledge to properly lay out and install electrical wiring, apparatus, and equipment for major electrical home appliances on the load side of the main service on farmsteads or in any town or municipality with less than 1500 inhabitants, which is not contiguous to a city of the first class and does not contain an established business of a master electrician, and who is licensed as such by the State Board of Electricity.

Sec. 17. Repealer. Minnesota Statutes 1965, Sections 326.24, 326.25, 326.26, 326.261, 326.27, 326.28, 326.29, 326.31 and 326.32 are repealed as of the effective date of this Act.

Sec 18. Effective date. This Act becomes effective September 1, 1967.

Approved May 20, 1967.

## CHAPTER 603-S. F. No. 739

#### [Coded]

An act relating to public health; requiring fluoridation of municipal water supplies; prescribing the powers and duties of the State Board of Health in relation thereto.

Be it enacted by the Legislature of the State of Minnesota:

Section 1. [144.145] Municipalities; fluoridation of water For the purpose of promoting public health through presupplies. vention of tooth decay, the person, firm, corporation, or municipality having jurisdiction over a municipal water supply, whether publicly or privately owned or operated, shall control the quantities of fluoride in the water so as to maintain a fluoride content prescribed by the state board of health. In the manner provided by law, the state board of health shall promulgate rules and regulations relating to the fluoridation of public water supplies which shall include, but not be limited to the following: (1) The means by which fluoride is controlled; (2) the methods of testing the fluoride content; and (3) the records to be kept relating to fluoridation. The state board of health shall enforce the provisions of this section. In so doing it shall require the fluoridation of water in all municipal water supplies on or before January 1, 1970. The State Board of Health shall not require the fluoridation of water in any municipal water supply where