HOUSE FILE _____ BY QUIRK

A BILL FOR

1 An Act establishing statewide licensure of electricians and 2 installers, providing for inspections, establishing fees, and 3 providing penalties. 4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA: 5 TLSB 1601HH 82 6 rn/cf/24

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Section 1. <u>NEW SECTION</u>. 103.1 DEFINITIONS. As used in this chapter, unless the context otherwise 1 1 1 2 As use 1 3 requires: 1 4 1. "Apprentice electrician" means any person who as such 1 5 person's principal occupation is engaged in learning and 6 assisting in the installation, alteration, and repair of 7 electrical wiring, apparatus, and equipment as an employee of 8 a person licensed under this chapter, and who is licensed by 1 1 1 1 9 the board and is progressing toward completion of an 1 10 apprenticeship training program registered by the bureau of 1 11 apprenticeship and training of the United States department of 1 12 labor. For purposes of this chapter, persons who are not 1 13 engaged in the installation, alteration, or repair of 1 14 electrical wiring, apparatus, and equipment, either inside or 1 15 outside buildings, shall not be considered apprentice 1 16 electricians. 2. "Board" means the electrical examining board created 1 17 1 18 under section 103.2. 1 19 3. "Class A journeyman electrician" means a person having 1 20 the necessary qualifications, training, experience, and 1 21 technical knowledge to wire for or install electrical wiring, 1 22 apparatus, and equipment and to supervise apprentice 23 electricians and who is licensed by the board.
24 4. "Class A master electrician" means a person having the 1 1 24 1 25 necessary qualifications, training, experience, and technical 26 knowledge to properly plan, lay out, and supervise the 27 installation of electrical wiring, apparatus, and equipment 1 1 1 28 for light, heat, power, and other purposes and who is licensed 1 29 by the board. 1 30 5. "Class B journeyman electrician" means a person having 1 31 the necessary qualifications, training, experience, and 1 32 technical knowledge to wire for or install electrical wiring, 33 apparatus, and equipment who meets and is subject to the 34 restrictions of section 103.12. 1 1 1 35 6. "Class B master electrician" means a person having the 1 necessary qualifications, training, experience, and technical 2 knowledge to properly plan, lay out, and supervise the 2 2 3 installation of electrical wiring, apparatus, and equipment 2 2 2 2 4 who meets and is subject to the restrictions of section 5 103.10. 7. "Commercial installation" means an installation 2 6 2 7 intended for commerce, but does not include a residential 2 8 installation. 2 8. "Electrical contractor" means a person who is licensed 9 2 10 by the board as either a class A or class B master electrician 2 11 and who is 2 12 contractor. 11 and who is also registered with the state of Iowa as a 2 13 9. "Industrial installation" means an installation 2 14 intended for use in the manufacture or processing of products 2 15 involving systematic labor or habitual employment and includes 2 16 installations in which agricultural or other products are 2 17 habitually or customarily processed or stored for others, 2 18 either by buying or reselling on a fee basis.

2 19 10. "Inspector" means a person certified as an electrical 2 20 inspector upon such reasonable conditions as may be adopted by 2 21 the board. The board 2 22 electrical inspector. The board may permit more than one class of "Life safety installer" means a person who is 2 23 11. 2 24 certified at level two or higher by the national institute for 25 certification in engineering technology (NICET), who is 26 qualified to oversee the installation of life safety systems, 2 2 2 27 including fire alarm, security, and nurse call systems, and 2 28 who is licensed by the board. 29 2 "New electrical installation" means the installation 12. 2 30 of electrical wiring, apparatus, and equipment for light, 2 31 heat, power, and other purposes. "Public use building or facility" means any building 2 32 13. 2 33 or facility designated for public use, including all property 34 owned and occupied or designated for use by the state of Iowa. 2 2 "Residential installation" means an installation 35 14. intended for a single=family or two=family residential 3 1 2 dwelling or a multifamily residential dwelling not larger than 3 3 a four=family dwelling. 3 3 "Routine maintenance" means the repair or replacement 4 15. 5 of existing electrical apparatus or equipment of the same size 3 3 6 and type for which no changes in wiring are made. "Special electrician" means a person having the 3 16. 8 necessary qualifications, training, and experience in wiring 9 or installing special classes of electrical wiring, apparatus, 3 3 3 10 equipment, or installations which shall include irrigation 3 11 system wiring, disconnecting and reconnecting of existing air 3 12 conditioning and refrigeration, and sign installation and who 3 13 is licensed by the board. 3 14 17. "Unclassified person" means any person, other than an 3 15 apprentice electrician or other person licensed under this 3 16 chapter, who, as such person's principal occupation, is 3 17 engaged in learning and assisting in the installation, 3 18 alteration, and repair of electrical wiring, apparatus, and 3 19 equipment as an employee of a person licensed under this 3 20 chapter, and who is licensed by the board as an unclassified 3 21 person. For purposes of this chapter, persons who ar 3 22 engaged in the installation, alteration, or repair of For purposes of this chapter, persons who are not 3 23 electrical wiring, apparatus, and equipment, either inside or 3 24 outside buildings, shall not be considered unclassified 3 25 persons. Sec. 2. 3 26 NEW SECTION. 103.2 ELECTRICAL EXAMINING BOARD 3 27 CREATED. 3 2.8 1. An electrical examining board is created within the 3 29 division of state fire marshal of the department of public 3 30 safety. The board shall consist of eleven voting members 3 31 appointed by the governor and subject to senate confirmation, 3 32 all of whom shall be residents of this state. 3 33 2. The members shall be as follows: 34 a. Two members shall be journeyman electricians, one a 35 member of an electrical workers union covered under a 3 3 4 1 collective bargaining agreement and one not a member of a 4 2 union. 4 Two members shall be master electricians or electrical 3 b. 4 contractors, one of whom is a contractor signed to a 4 4 5 collective bargaining agreement or a master electrician 4 6 covered under a collective bargaining agreement and one of 4 7 whom is a nonunion contractor or a master electrician who is 4 8 not a member of a union. 4 9 c. One member shall be an electrical inspector. 4 10 d. Two members, one a union member covered under a 4 11 collective bargaining agreement and one a nonunion member, 4 12 shall not be a member of any of the aforementioned groups and 4 13 shall represent the general public. e. One member shall be the state fire marshal or a 4 1 4 4 15 representative of the state fire marshal's office. 4 16 f. One member shall be a local building official employed by a political subdivision to perform electrical inspections 4 17 4 18 for that political subdivision. g. One member shall represent a public utility.h. One member shall be an engineer licensed pursuant to 4 19 4 20 4 21 chapter 542B with a background in electrical engineering. The public members of the board shall be allowed to 4 22 3. 4 23 participate in administrative, clerical, or ministerial 4 24 functions incident to giving a licensure examination, but 4 25 shall not determine the content of the examination or 4 26 determine the correctness of the answers. Professional 4 27 associations or societies composed of licensed electricians 4 28 may recommend to the governor the names of potential board 4 29 members whose profession is representative of that association

4 30 or society. However, the governor is not bound by the 4 31 recommendations. A board member shall not be required to be a 4 32 member of any professional electrician association or society. Sec. 3. <u>NEW SECTION</u>. 103.3 TERMS OF OFFICE == EXPENSES 4 33 $4 \quad 34 == COUNSEL.$ 4 35 1. Appointments to the board, other than the state fire 5 1 marshal or a representative of the state fire marshal's 5 office, shall be for three=year staggered terms and shall 2 5 3 commence and end as provided by section 69.19. The most 4 recently appointed state fire marshal, or a representative of 5 the state fire marshal's office, shall be appointed to the 5 5 6 board on an ongoing basis. Vacancies shall be filled for the 5 5 7 unexpired term by appointment of the governor and shall be 8 subject to senate confirmation. Members shall serve no more 9 than three terms or nine years, whichever is least. 5 5 5 10 Members of the board are entitled to receive all actual 2. 5 11 expenses incurred in the discharge of their duties within the limits of funds appropriated to the board. Each member of the 5 12 5 13 board may also be eligible to receive compensation as provided 5 14 in section 7E.6. 5 15 3. The board shall be entitled to the counsel and services 5 16 of the attorney general. The board may compel the attendance 5 17 of witnesses, pay witness fees and mileage, take testimony and 5 18 proofs, and administer oaths concerning any matter within its 5 19 jurisdiction. 5 20 Sec. 4. <u>NEW SECTION</u>. 103.4 ORGANIZATION OF THE BOARD. The board shall elect annually from its members a 5 21 5 22 chairperson and a vice chairperson, and shall hire and provide 5 23 staff to assist the board in administering this chapter. An 5 24 executive secretary designated by the board shall report to 25 the state fire marshal for purposes of routine board 26 administrative functions, and shall report directly to the 5 5 5 27 board for purposes of execution of board policy such as 28 application of licensing criteria and processing of 29 applications. The board shall hold at least one meeting 5 5 5 30 quarterly at the location of the board's principal office, and 5 31 meetings shall be called at other times by the chairperson or 5 32 four members of the board. At any meeting of the board, a 5 33 majority of members constitutes a quorum. 5 Sec. 5. <u>NEW SECTION</u>. 103.5 OFFICIAL SEAL == BYLAWS. 34 The board shall adopt and have an official seal which shall 1 be affixed to all certificates of licensure granted. 5 35 б 6 2 Sec. 6. <u>NEW SECTION</u>. 103.6 POWERS AND DUTIES. The board shall: 6 3 6 1. Adopt rules pursuant to chapter 17A and in doing so 4 5 shall be governed by the minimum standards set forth in the 6 6 6 most current publication of the national electrical code 6 7 issued and adopted by the national fire protection 8 association, and amendments to the code, which code and 6 6 9 amendments shall be filed in the offices of the secretary of б 10 state and the board and shall be a public record. The board 6 11 shall adopt rules reflecting updates to the code and 6 12 amendments to the code. The board shall promulgate and adopt 6 13 rules establishing wiring standards that protect public safety 6 14 and health and property and that apply to all electrical 6 15 wiring which is installed subject to this chapter. 6 16 2. Revoke, suspend, or refuse to renew any license granted 6 17 pursuant to this chapter when the licensee: 6 18 a. Fails or refuses to pay any examination, license, or 6 19 renewal fee required by law. 20 b. Is an electrical contractor and fails or refuses to 21 provide and keep in force a public liability insurance policy 6 20 6 6 22 as required by the board. c. Violates any political subdivision's inspection 6 23 6 24 ordinances. 6 25 The board may, in its discretion, revoke, suspend, or 6 26 refuse to renew any license granted pursuant to this chapter 6 27 when the licensee violates any provision of the national 6 28 electrical code as adopted pursuant to subsection 1, this 6 29 chapter, or any rule adopted pursuant to this chapter. 3. Adopt rules for continuing education requirements for each classification of licensure established pursuant to this 6 30 6 31 6 32 chapter, and adopt all rules, not inconsistent with the law, 6 33 necessary for the proper performance of the duties of the 6 34 board. Provide for the amount and collection of fees for 6 35 4. 7 1 inspection and other services. Sec. 7. <u>NEW SECTION</u>. 7 2 103.7 ELECTRICIAN AND INSTALLER 7 LICENSING AND INSPECTION FUND. 3 7 4 An electrician and installer licensing and inspection fund 7 5 is created in the state treasury as a separate fund under the

6 control of the board. All licensing, examination, renewal, 7 and inspection fees shall be deposited into the fund and 7 7 8 retained by and for the use of the board. Expenditures from 7 9 the fund shall be approved by the sole authority of the board. 7 10 Amounts deposited into the fund shall be considered repayment 7 11 receipts as defined in section 8.2. Notwithstanding section 12 8.33, any balance in the fund on June 30 of each fiscal year 7 7 13 shall not revert to the general fund of the state, but shall 7 14 remain available for the purposes of this chapter in 7 15 subsequent fiscal years. Notwithstanding section 12C.7, 7 16 subsection 2, interest or earnings on moneys deposited in the 7 7 17 fund shall be credited to the fund. 7 18 Sec. 8. <u>NEW SECTION</u>. 103.8 PLAN, LAY OUT, OR SUPERVISE 7 19 CERTAIN ACTIVITIES == LICENSE REQUIRED == EXCEPTIONS. Except as provided in sections 103.13 and 103.14, no person 7 20 21 shall, for another, plan, lay out, or supervise the 7 7 22 installation of wiring, apparatus, or equipment for electrical 23 light, heat, power, and other purposes unless the person is 24 licensed by the board as an electrical contractor, a class A 7 7 7 25 master electrician, or a class B master electrician. 7 26 Sec. 9. <u>NEW SECTION</u>. 103.9 ELECTRICAL CONTRACTOR 7 27 LICENSE. 7 2.8 1. An applicant for an electrical contractor license shall 7 29 either be or employ a licensed class A or class B master 7 30 electrician, and be registered with the state of Iowa as a 7 31 contractor. 7 2. A contractor who holds a class B master electrician 32 7 33 license shall be licensed subject to the restrictions of 34 section 103.10. 7 7 NEW SECTION. 103.10 CLASS A MASTER ELECTRICIAN 35 Sec. 10. 8 1 LICENSE == QUALIFICATIONS == CLASS B MASTER ELECTRICIAN 8 2 LICENSE. 8 1. An applicant for a class A master electrician license 3 4 shall have at least one year's experience, acceptable to the 8 8 5 board, as a licensed class A or class B journeyman 8 6 electrician. 8 2. In addition, an applicant shall obtain a score of at 8 8 least seventy=five percent on an examination prescribed and 9 administered by the board based upon the most recent national 8 8 10 electrical code adopted pursuant to section 103.6 and upon 8 11 electrical theory. An applicant who can provide proof acceptable to 8 12 3. a. 8 13 the board that the applicant has been working in the 8 14 electrical business and involved in planning for, laying out, 8 15 supervising, and installing electrical wiring, apparatus, or 8 16 equipment for light, heat, and power prior to 1990 may be 8 17 granted a class B master electrician license without taking an 8 18 examination. An applicant who is issued a class B master 8 19 electrician license pursuant to this section shall not be 8 20 authorized to plan, lay out, or supervise the installation of 21 electrical wiring, apparatus, and equipment in a political 22 subdivision which, prior to or after the effective date of 8 8 8 23 this section of this Act, establishes licensing standards 8 24 which preclude such work by class B master electricians in the 8 25 political subdivision. The board shall adopt rules 8 26 establishing procedures relating to the restriction of a class 8 27 B master electrician license pursuant to this subsection. 8 2.8 b. A class B master electrician may become licensed as a 8 29 class A master electrician upon successful passage of the 8 30 examination prescribed in subsection 2. 8 4. A person licensed to plan, lay out, or supervise the installation of electrical wiring, apparatus, or equipment for 31 8 32 8 33 light, heat, power, and other purposes and supervise 8 34 apprentice electricians by a political subdivision preceding 8 35 the effective date of this section of this Act pursuant to a supervised written examination, and who is currently engaged 9 1 9 2 in the electrical contracting industry, shall be issued an 9 3 applicable statewide license corresponding to that licensure 9 4 as a class A master electrician or electrical contractor. The 9 5 board shall adopt by rule certain criteria for city 9 6 examination standards satisfactory to fulfill this 9 7 requirement. 9 8 Sec. 11. <u>NEW SECTION</u>. 103.11 WIRING OR INSTALLING == 9 SUPERVISING APPRENTICES == LICENSE REQUIRED == QUALIFICATIONS. 9 10 1. Except as provided in section 103.13, no person shall, 11 for another, wire for or install electrical wiring, apparatus, 9 9 9 12 or equipment, or supervise an apprentice electrician or 9 13 unclassified person, unless the person is licensed by the 9 14 board as an electrical contractor, a class A master 9 15 electrician, a class B master electrician, or a life safety 9 16 installer, or is licensed as a class A journeyman electrician,

9 17 a class B journeyman electrician, or a life safety installer 9 18 and is employed by an electrical contractor, a class A master 9 19 electrician, a class B master electrician, or a life safety 9 20 installer. 9 21 2. For purposes of this section, the holder of a life 9 22 safety installer license shall only supervise those 9 23 apprentices engaged in the installation of fire alarm 9 24 equipment and apparatus operating at fifty volts or less. 9 25 Sec. 12. <u>NEW SECTION</u>. 103.12 CLASS A JOURNEYMAN 9 26 ELECTRICIAN LICENSE QUALIFICATIONS == CLASS B JOURNEYMAN 9 27 ELECTRICIAN LICENSE. 9 28 1. An applicant for a class A journeyman electrician 9 29 license shall have successfully completed an apprenticeship 9 30 training program registered by the bureau of apprenticeship 9 31 and training of the United States department of labor in 9 32 accordance with the standards established by that department. 9 33 An applicant may petition the board to receive a waiver of 9 34 this requirement. The board shall determine a level of on= 9 35 the=job experience as an unclassified person sufficient to 10 qualify for a waiver. 1 10 2. In addition, an applicant shall obtain a score of at 10 least seventy=five percent on an examination prescribed and 3 10 4 administered by the board based upon the most recent national 10 5 electrical code adopted pursuant to section 103.6 and upon 10 6 electrical theory. An applicant who can provide proof acceptable to 10 3. a. 10 8 the board that the applicant has been employed as a journeyman 10 a electrician since 1990 may be granted a class B journeyman 10 10 electrician license without taking an examination. An 10 11 applicant who is issued a class B journeyman electrician 10 12 license pursuant to this section shall not be authorized to 10 13 wire for or install electrical wiring, apparatus, and 10 14 equipment in a political subdivision which, prior to or after 10 15 the effective date of this section of this Act, establishes 10 16 licensing standards which preclude such work by class B journeyman electricians in the political subdivision. 10 17 The 10 18 board shall adopt rules establishing procedures relating to 10 19 the restriction of a class B journeyman electrician license 10 20 pursuant to this subsection. 10 21 b. A class B journeyman electrician may become licensed as 10 22 a class A journeyman electrician upon successful passage of 10 23 the examination prescribed in subsection 2. 10 24 4. A person licensed to wire for or install electrical 10 25 wiring, apparatus, or equipment or supervise an apprentice 10 26 electrician by a political subdivision preceding the effective 10 27 date of this section of this Act pursuant to a supervised 10 28 written examination, and who is currently engaged in the 10 29 electrical contracting industry with at least four years 10 30 experience, shall be issued an applicable statewide license 10 31 corresponding to that licensure as a class A journeyman 10 32 electrician or a class B journeyman electrician. The board 10 33 shall adopt by rule certain criteria for city examination 10 34 standards satisfactory to fulfill this requirement. 10 35 Sec. 13. NEW SECTION. 103.13 SPECIAL ELECTRICIAN LICENSE 11 1 == QUALIFICATIONS. 11 2 The board shall by rule provide for the issuance of special 11 3 electrician licenses authorizing the licensee to engage in a limited class or classes of electrical work, which class or classes shall be specified on the license. Each licensee 11 4 11 5 shall have experience, acceptable to the board, in each such limited class of work for which the person is licensed. 11 6 11 7 11 8 Sec. 14. <u>NEW SECTION</u>. 103.14 LIFE SAFETY INSTALLER 11 9 LICENSE. 11 10 1. A person not otherwise licensed pursuant to this 11 11 chapter shall not plan, lay out, or install electrical wiring, 11 12 apparatus, and equipment for components of life safety 11 13 systems. A person authorized to plan, lay out, or install 11 14 electrical wiring, apparatus, and equipment for components of 11 15 life safety systems that operate at fifty volts or less by a 11 16 political subdivision on the effective date of this section of 11 17 this Act shall be issued an applicable statewide license 11 18 corresponding to that authorization as a life safety 11 19 installer. 11 20 2. On or after the effective date of this section of this 11 21 Act, any person to be licensed as a life safety installer to 11 22 plan, lay out, and install electrical wiring, apparatus, and 11 23 equipment for components of life safety systems shall have at 11 24 least two years' experience, acceptable to the board, in 11 25 planning, laying out, and installing life safety systems. 11 26 3. In addition to the requirements of subsections 1 and 2, 11 27 an applicant for a life safety installer license shall obtain

11 28 a score of at least seventy=five percent on a level two or 11 29 higher examination prescribed and administered by the board 11 30 based on the most recent national institute for certification 11 31 in engineering technology requirements. 11 32 4. A person licensed as a class A or class B master 11 33 electrician, or a class A or class B journeyman electrician, 34 who has not successfully passed the examination prescribed in 35 subsection 3 shall be authorized to install electrical wiring, 11 11 apparatus, and equipment for components of life safety systems 12 2 12 if their work is approved by a person who is licensed as a 12 3 life safety installer. NEW SECTION. 12 4 Sec. 15. 103.15 APPRENTICE ELECTRICIAN == 5 UNCLASSIFIED PERSON. 12 1. A person shall be licensed by the board and pay a licensing fee to work as an apprentice electrician while 12 6 12 7 12 participating in an apprenticeship training program registered 8 12 9 by the bureau of apprenticeship and training of the United 12 10 States department of labor in accordance with the standards 12 11 established by that department. A person is eligible for 12 12 licensure as an apprentice electrician for only one 12 13 apprenticeship, which shall be limited to six years from the 12 14 date of licensure, unless extended by the board upon a finding 12 15 that a hardship existed which prevented completion of the 12 16 apprenticeship program. Such licensure shall entitle the 12 17 licensee to act as an apprentice to an electrical contractor, 12 18 a class A master electrician, a class B master electrician, a 12 19 class A journeyman electrician, or a class B journeyman 12 20 electrician as provided in subsection 3. 12 21 2. A person shall be licensed as an unclassified person by 12 22 the board to perform electrical work if the work is performed 12 23 under the personal supervision of a person actually licensed 12 24 to perform such work and the licensed and unclassified persons 12 25 are employed by the same employer. After one hundred 12 26 continuous days of employment as a nonlicensed unclassified 12 27 person, the unclassified person must receive a license from 12 28 the board. Licensed persons shall not permit unclassified 12 29 persons to perform electrical work except under the personal 12 30 supervision of a person actually licensed to perform such 12 31 work. Unclassified persons shall not supervise the 12 32 performance of electrical work or make assignments of 12 33 electrical work to unclassified persons. Electrical 12 34 contractors employing unclassified persons performing 12 35 electrical work shall maintain records establishing compliance 13 1 with this section, which shall designate all unclassified 13 2 persons performing electrical work. 3. Apprentice electricians and unclassified persons shall 13 3 13 4 do no electrical wiring except under the direct personal on= 13 the=job supervision and control and in the immediate presence 5 6 of a licensee pursuant to this chapter. Such supervision 13 13 7 shall include both on=the=job training and related classroom 13 8 training as approved by the board. The licensee may employ or 13 9 supervise apprentice electricians and unclassified persons at 13 10 a ratio not to exceed three apprentice electricians and 13 11 unclassified persons to one licensee, except that such ratio 13 12 and the other requirements of this section shall not apply to 13 13 apprenticeship classroom training. For purposes of this section, "the direct personal on= 13 14 4. 13 15 the=job supervision and control and in the immediate presence 13 16 of a licensee" shall mean the licensee and the apprentice 13 17 electrician or unclassified person shall be working at the 13 18 same project location but shall not require that the licensee 13 19 and apprentice electrician or unclassified person be within 13 20 sight of one another at all times. 5. An apprentice electrician shall not install, alter, or 13 21 13 22 repair electrical equipment except as provided in this 13 23 section, and the licensee employing or supervising an 13 24 apprentice electrician shall not authorize or permit such 13 25 actions by the apprentice electrician. 13 26 Sec. 16. <u>NEW SECTION</u>. 103.16 LIC Sec. 16. NEW SECTION. LICENSE EXAMINATIONS. 103.16 13 27 Examinations for licensure shall be given as often as 1. 13 28 deemed necessary by the board, but no less than one time per 13 29 month. The scope of the examinations and the methods of 13 30 procedure shall be prescribed by the board. The examinations 13 31 given by the board shall be the experior assessment 13 32 examination, or a successor examination approved by the board, 13 33 or an examination prepared by a third=party testing service 13 34 which is substantially equivalent to the experior assessment 13 35 examination, or a successor examination approved by the board. 1 2. An examination may be given by representatives of the 2 board. As soon as practicable after the close of each 14 14 14 3 examination, a report shall be filed in the office of the

The report shall show 14 4 secretary of the board by the board. 5 the action of the board upon each application and the 14 14 6 secretary of the board shall notify each applicant of the 7 result of the applicant's examination. Applicants who fail 8 the examination once shall be allowed to take the examination 14 14 9 at the next scheduled time. Thereafter, the applicant shall 14 14 10 be allowed to take the examination at the discretion of the 14 11 board. An applicant who has failed the examination may 14 12 request, in writing, information from the board concerning the 14 13 applicant's examination grade and subject areas or questions 14 14 which the applicant failed to answer correctly, except that if 14 15 the board administers a uniform, standardized examination, the 14 16 board shall only be required to provide the examination grade 14 17 and such other information concerning the applicant's 14 18 examination results which are available to the board. 103.17 14 19 Sec. 17. <u>NEW SECTION</u>. DISCLOSURE OF CONFIDENTIAL 14 20 INFORMATION == CRIMINAL PENALTY. 14 21 A member of the board shall not disclose information 14 22 relating to the following: 14 23 1. Criminal history or prior misconduct of an applicant. Information relating to the contents of an examination. Information relating to examination results other than 2. 14 24 14 25 3. 14 26 a final score except for information about the results of an examination given to the person who took the examination. A member of the board who willfully communicates or seeks 14 27 14 28 14 29 to communicate such information, and any person who willfully 14 30 requests, obtains, or seeks to obtain such information, is guilty of a simple misdemeanor. 14 31 Sec. 18. <u>NEW SECTION</u>. 103.18 LICENSE RENEWAL == 14 32 14 33 CONTINUING EDUCATION. 14 34 In order to renew a class A master electrician, class B 14 35 master electrician, class A journeyman electrician, or class B 15 journeyman electrician license issued pursuant to this 1 15 2 chapter, the licensee shall be required to complete eighteen 15 3 contact hours of continuing education courses approved by the 15 4 board during the three=year period for which a license is 15 5 granted. The contact hours shall include a minimum of six 15 6 contact hours studying the national electrical code described 7 in section 103.6, and the remaining contact hours may include 15 15 8 study of electrical circuit theory, blueprint reading, 15 9 transformer and motor theory, electrical circuits and devices, 15 10 control systems, programmable controllers, and microcomputers 15 11 or any other study of electrical=related material that is 15 12 approved by the board. Any additional hours studying the 15 13 national electrical code shall be acceptable. For purposes of 15 14 this section, "contact hour" means fifty minutes of classroom 15 15 attendance at an approved course under a qualified instructor 15 16 approved by the board. 15 17 Sec. 19. <u>NEW SECTION</u>. 103.19 LICENSES == EXPIRATION == 15 18 APPLICATION == FEES. 15 19 1. Licenses issued pursuant to this chapter shall expire 15 20 every three years, with the exception of licenses for 15 21 apprentice electricians and unclassified persons, which shall 15 22 expire on an annual basis. All license applications shall 15 23 include the applicant's social security number. The board 15 24 shall establish the fees to be payable for examination and 15 25 license issuance and renewal in amounts not to exceed the 15 26 following: 15 27 a. For a. For examinations: 15 28 (1) Class A master electrician, one hundred twenty=five 15 29 dollars. 15 30 (2) Class A journeyman electrician, sixty dollars. (3) Life safety installer, sixty dollars. 15 31 15 32 b. For each year of the three=year license period for 15 33 issuance and renewal: 15 34 (1) Electrical contractor, one hundred twenty=five 15 35 dollars. 16 Class A master electrician, class B master 1 (2) electrician, one hundred twenty=five dollars. 16 2 16 (3) Class A journeyman electrician, class B journeyman 3 electrician, life safety installer, or special electrician, 16 4 16 5 twenty=five dollars. c. For apprentice electricians, twenty dollars. 16 6 16 7 2. The holder of an expired license may renew the license 8 for a period of three months from the date of expiration upon 9 payment of the license fee plus ten percent of the renewal fee 16 16 16 10 for each month or portion thereof past the expiration date. 16 11 All holders of licenses expired for more than three months 16 12 shall apply for a new license. 16 13 Sec. 20. <u>NEW SECTION</u>. 103.20 LICENSEE STATUS == 16 14 EMPLOYMENT == DEATH.

16 15 1. Individuals performing electrical work in a capacity 16 16 for which licensure is required pursuant to this chapter shall 16 17 be employed by the authority or company obtaining a permit for 16 18 the performance of such work, and shall possess a valid 16 19 license issued by the board. 16 20 2. Upon the death of an electrical contractor, a class A 16 21 master electrician, a class B master electrician, or a life 16 22 safety installer, the board may permit a representative to 16 23 carry on the business of the decedent for a period not to 16 24 exceed six months for the purpose of completing work under 16 25 contract to comply with this chapter. Such representative 16 26 shall furnish all public liability and property damage 16 27 insurance required by the board. 16 28 Sec. 21. <u>NEW SECTION</u>. 103.21 LICENSES W 16 29 EXAMINATION == RECIPROCITY WITH OTHER STATES. LICENSES WITHOUT 16 30 To the extent that any other state which provides for the 16 31 licensing of electricians provides for similar action, the 16 32 board may grant licenses, without examination, of the same 16 33 grade and class to an electrician who has been licensed by 16 34 such other state for at least one year, upon payment by the 16 35 applicant of the required fee, and upon the board being 17 1 furnished with proof that the qualifications of the applicant 17 2 are equal to the qualifications of holders of similar licenses 3 in this state. 4 Sec. 22. <u>N</u> 17 17 NEW SECTION. 103.22 CHAPTER INAPPLICABILITY. 17 The provisions of this chapter shall not: 17 6 1. Apply to a person licensed as an engineer pursuant to 17 7 chapter 542B or registered as an architect pursuant to chapter 17 8 544A providing consultations and developing plans concerning 17 9 electrical installations who is exclusively engaged in the 17 10 practice of the person's profession. 17 11 2. Require employees of municipal corporations, electric 17 12 membership or cooperative associations, public utility 17 13 corporations, rural water associations or districts, 17 14 railroads, telecommunications companies, franchised cable 17 15 television operators, or commercial or industrial companies 17 16 performing manufacturing, installation, and repair work for 17 17 such employer to hold licenses while acting within the scope 17 18 of their employment. 17 19 3. Require any person doing work for which a license would 17 20 otherwise be required under this chapter to hold a license 17 21 issued under this chapter if the person is the holder of a 17 22 valid license issued by any political subdivision, so long as 17 23 the person makes electrical installations only in the 17 24 jurisdictional limits of such political subdivision and such 17 25 license issued by the political subdivision meets the 17 26 requirements of this chapter. 17 27 4. Apply to the installation, maintenance, repair, or 17 28 alteration of vertical transportation or passenger conveyors, 17 29 elevators, moving walks, dumbwaiters, stagelifts, manlifts, or 17 30 appurtenances thereto beyond the terminals of the controllers. 17 31 The licensing of elevator contractors or constructors shall 17 32 not be considered a part of the licensing requirements of this 17 33 chapter. 17 34 5. Require a license of any person who engages any 17 35 electrical appliance where approved electrical outlets are 18 1 already installed. 18 Prohibit an owner of property from performing work on 6. 18 3 the owner's principal residence, if such residence is an 18 4 existing dwelling rather than new construction and is not 18 5 larger than a single=family dwelling, or farm property, 18 6 excluding commercial or industrial installations or installations in public use buildings or facilities, or 18 7 18 8 require such owner to be licensed under this chapter. Τn 18 9 order to qualify for inapplicability pursuant to this 18 10 subsection, a residence shall qualify for the homestead tax 18 11 exemption. 18 12 7. Require that any person be a member of a labor union in 18 13 order to be licensed. 18 14 Apply to a person who is qualified pursuant to 8. 18 15 administrative rules relating to the storage and handling of 18 16 liquefied petroleum gases while engaged in installing, 18 17 servicing, testing, replacing, or maintaining propane gas 18 18 utilization equipment, or gas piping systems of which the 18 19 equipment is a part, and related or connected accessory 18 20 systems or equipment necessary to the operation of the 18 21 equipment. 18 22 9. Apply to a person who meets the requirements for a well 18 23 contractor pursuant to administrative rules while engaged in 18 24 installing, servicing, testing, replacing, or maintaining a 18 25 well or well equipment, or piping systems of which the

18 26 equipment is a part, and related or connected accessory 18 27 systems or equipment necessary to the operation of the 18 28 equipment. 18 29 Sec. 23 18 29 Sec. 23. <u>NEW SECTI</u> 18 30 SUBJECT TO INSPECTION. <u>NEW SECTION</u>. 103.23 ELECTRICAL INSTALLATIONS == 18 31 The inspection and enforcement provisions of this chapter 18 32 shall apply to the following: 18 33 1. All new electrical installations for commercial or 18 34 industrial applications, including installations both inside 18 35 and outside of buildings, and for public use buildings and 19 facilities and any installation at the request of the owner. 1 19 2 2. All new electrical installations for residential 19 3 applications in excess of single=family residential 19 applications. 4 19 3. All new electrical installations for single=family 5 19 residential applications requiring new electrical service 6 19 equipment. 7 19 8 Existing electrical installations observed during 4. 19 9 inspection which constitute an electrical hazard. Existing 19 10 installations shall not be deemed to constitute an electrical 19 11 hazard if the wiring when originally installed was installed 19 12 in accordance with the electrical code in force at the time of 19 13 installation and has been maintained in that condition. Sec. 24. <u>NEW SECTION</u>. 103.24 STATE INSPECTION INAPPLICABILITY IN CERTAIN POLITICAL SUBDIVISIONS == <u>NEW SECTION</u>. 19 14 103.24 STATE INSPECTION == 19 15 19 16 ELECTRICAL INSPECTORS == CERTIFICATE OF QUALIFICATION. 19 17 1. No person other than the holder of an electrical 19 18 inspector's certificate of qualification shall be appointed to 19 19 act as an electrical inspector and to enforce this chapter as 19 20 an electrical inspector and to enforce this chapter or any 19 21 applicable resolution or ordinance within the inspector's 19 22 jurisdiction. The board shall establish by rule standards for 19 23 the certification and decertification of state electrical 19 24 inspectors, and certified electrical inspector continuing 19 25 education requirements. 2. 19 26 State inspection shall not apply within the 19 27 jurisdiction of any political subdivision which, pursuant to 19 28 section 103.29, provides by resolution or ordinance standards 19 29 of electrical wiring and its installation that are not less 19 30 than those prescribed by the board or by this chapter and 19 31 which further provides by resolution or ordinance for the 19 32 inspection of electrical installations within the limits of 19 33 such subdivision by a certified electrical inspector. А сору 19 34 of the certificate of each electrical inspector shall be 19 35 provided to the board by the political subdivision issuing the certificate. 20 1 20 2 3. State inspection shall not apply to routine 20 3 maintenance. 2.0 4 <u>NEW SECTION</u>. 103.25 REQUEST FOR INSPECTION == Sec. 25. 20 5 FEES. 20 At or before commencement of any installation required to 6 be inspected by the board, the licensee or owner making such 20 7 8 installation shall submit to the state fire marshal's office a 20 20 9 request for inspection. The board shall prescribe the methods 20 10 by which the request may be submitted, which may include 20 11 electronic submission or through a form prescribed by the 20 12 board that can be 20 13 fax transmission. The board shall also preserve means 20 14 which inspection fees can by paid, which may include 20 14 which inspection fees of payment. If the board or the state fire 20 has failed to 20 12 board that can be submitted either through the mail or by a 20 16 marshal's office becomes aware that a person has failed to 20 17 file a necessary request for inspection, the board or the 20 18 state fire marshal's office shall send a written notification 20 19 by certified mail that the request must by filed within 20 20 fourteen days. Any person filing a late request for 20 21 inspection shall pay a delinquency fee in an amount to be 20 22 determined by the board. Failure to file a late request 20 23 within fourteen days shall be subject to a civil penalty to be 20 24 determined by the board by rule. NEW SECTION. 103.26 20 25 Sec. 26. CONDEMNATION == 20 26 DISCONNECTION == OPPORTUNITY TO CORRECT NONCOMPLIANCE. 20 27 If the inspector finds that any installation or portion of 20 28 an installation is not in compliance with accepted standards 20 29 of construction for safety to health and property, based upon 20 30 minimum standards set forth in the local electrical code or 20 31 the national electrical code adopted by the board pursuant to 20 32 section 103.6, the inspector shall by written order condemn 20 33 the installation or noncomplying portion or order service to 20 34 such installation disconnected and shall send a copy of such 20 35 order to the board and the electrical utility supplying power 21 1 involved. If the installation or the noncomplying portion is

21 2 such as to seriously and proximately endanger human health or 3 property, the order of the inspector when approved by the 21 4 inspector's superior shall require immediate condemnation and 21 5 disconnection by the applicant. In all other cases, the order 6 of the inspector shall establish a reasonable period of time 21 21 21 7 for the installation to be brought into compliance with 21 8 accepted standards of construction for safety to health and 21 9 property prior to the effective date established in such order for condemnation or disconnection. 21 10 NEW SECTION. 21 11 CONDEMNATION OR Sec. 27. 103.27 21 12 DISCONNECTION ORDER == SERVICE. 21 13 1. A copy of each condemnation or disconnection order 21 14 shall be served personally or by regular mail upon the property owner at the property owner's last known address, the licensee making the installation, and such other persons as 21 15 21 16 21 17 the board by rule may direct. 21 18 21 19 2. The electrical utility supplying power shall be served with a copy of any order which requires immediate 21 20 disconnection or prohibits energizing an installation. 21 21 Sec. 28. <u>NEW SECTION</u>. 103.28 CERTIFICATE OF SAFE 21 22 OPERATION == DISMISSAL OF CONDEMNATION OR DISCONNECTION ORDER. 21 23 1. No electrical installation subject to inspection by the 21 24 board shall be newly connected or reconnected for use until 21 25 the electrical inspector has filed with the electrical utility 21 26 supplying power a certificate stating that the electrical 21 27 inspector has approved such energization. 21 28 2. If the electrical inspector determines that an 21 29 electrical installation subject to inspection by the board is 21 30 not in compliance with accepted standards of construction for 21 31 safety to health and property, based upon minimum standards 21 32 adopted by the board pursuant to this chapter, the inspector 21 33 shall issue a correction order. A correction order made 21 34 pursuant to this section shall be served personally or by 21 35 United States mail only upon the licensee making the The correction order shall order the licensee 22 1 installation. 2 to make the installation comply with the standards, noting 22 2.2 3 specifically what changes are required. The order shall 4 specify a date, not more than seventeen calendar days from the 5 date of the order, when a new inspection shall be made. When 22 22 22 6 the installation is brought into compliance to the 22 7 satisfaction of the inspector, the inspector shall file with the electrical utility supplying power a certificate stating 22 8 22 that the electrical inspector has approved energization. 9 22 10 3. An electrical utility supplier may refuse service 22 11 without liability for such refusal until the provisions of 22 12 this section have been met. 103.29 POLITICAL SUBDIVISIONS == 22 13 Sec. 29. <u>NEW SECTION</u>. 22 14 INSPECTIONS == AUTHORITY OF POLITICAL SUBDIVISIONS. 22 15 1. A political subdivision performing electrical 22 16 inspections prior to December 31, 2007, shall continue to 22 17 perform such inspections. After December 31, 2012, a 22 18 political subdivision may choose to discontinue performing its 22 19 own inspections and permit the board to have jurisdiction over 22 20 inspections in the political subdivision. If a political 22 21 subdivision seeks to discontinue its own inspections prior to 22 22 December 31, 2012, the political subdivision shall petition 22 23 the board. If a unanimous vote of the board finds that a 22 24 political subdivision's inspections are inadequate by reason 22 25 of misfeasance, malfeasance, or nonfeasance, the board may 22 26 suspend or revoke the political subdivision's authority to 22 27 perform its own inspections. A political subdivision not 22 28 performing electrical inspections prior to December 31, 2007 22 29 may make provision for inspection of electrical installations 22 30 within its jurisdiction, in which case it shall keep on file 22 31 with the board copies of its current inspection ordinances or 22 32 resolutions and electrical codes. 22 33 2. A political subdivision performing electrical 22 34 inspections pursuant to subsection 1 prior to December 31, 22 35 2007, may maintain a different supervision ratio than the 23 1 ratio of three apprentice electricians and unclassified 23 2 persons to one licensee specified in section 103.15 23 3 subsection 3, but may not exceed that ratio. A political 4 subdivision which begins performing electrical inspections 23 5 after December 31, 2007, shall maintain the specified 6 three=to=one ratio unless the board approves a petition by the 23 23 political subdivision for a lower ratio. A political 23 7 23 8 subdivision which discontinues performing electrical 23 9 inspections and permits the board to have jurisdiction over 23 10 inspections shall maintain the specified three=to=one 23 11 supervision ratio, and may not petition for a lower ratio 23 12 unless the political subdivision subsequently resumes

23 13 performing electrical inspections. 23 14 3. A political subdivision that performs electrical 23 15 inspections may set appropriate permit fees to pay for such 23 16 inspections. A political subdivision shall not require any 23 17 person holding a license from the board to pay any license fee 23 18 or take any examination if the person holds a current license 23 19 issued by the board which is of a classification equal to or 23 20 greater than the classification needed to do the work 23 21 proposed. Any such political subdivision may provide a 23 22 requirement that each person doing electrical work within the 23 23 jurisdiction of such political subdivision have on file with 23 24 the political subdivision a copy of the current license issued 23 25 by the board or such other evidence of such license as may be 23 26 provided by the board. 23 27 4. A political subdivision is authorized to determine what 23 28 work may be performed by a class B licensee within the 23 29 jurisdictional limits of the political subdivision. 23 30 5. A political subdivision that performs electrical 23 31 inspections shall act as the authority having jurisdiction for 23 32 electrical inspections and for amending the national 23 33 electrical code adopted by the board pursuant to section 103.6 23 34 for work performed within the jurisdictional limits of the 23 35 political subdivision, provided those inspections and 24 1 amendments conform to the requirements of this chapter. Any 24 2 action by a political subdivision with respect to amendments Anv 24 3 to the national electrical code shall be filed with the board 24 4 prior to enforcement by the political subdivision, and shall 24 5 not be less stringent than the minimum standards established 6 by the board by rule. 24 24 6. A political subdivision may grant a variance or 7 8 interpret the national electrical code in a manner which 9 deviates from a standard interpretation on an exception basis 24 2.4 24 10 for a one=time installation or planned installation so long as 24 11 such a variance or interpretation does not present an 24 12 electrical hazard or danger to life or property. Any action 24 13 by a political subdivision with respect to such a variance or 24 14 interpretation shall be filed with the board immediately 24 15 following such action. 24 16 Sec. 30. <u>NEW SECTION</u>. 103.30 INSPECTIONS NOT REQUIRED. Nothing in this chapter shall be construed to require the 24 17 24 18 work of employees of municipal corporations, railroads, 24 19 electric membership or cooperative associations, public 24 20 utility corporations, rural water associations or districts, 24 21 or telecommunications systems to be inspected while acting 24 22 within the scope of their employment. 24 23 Sec. 31. <u>NEW SECTION</u>. 103.31 SU 103.31 SUPPLIER OF ELECTRICAL 24 24 SERVICE == LIABILITY. 24 25 Upon inspection and approval by any certified inspector, 24 26 all liability upon any supplier of electrical service for 24 27 subsequent damage or loss arising from any installation shall 24 28 be terminated, except for any acts of gross negligence by such 24 29 supplier. 24 30 Sec. 32. <u>NEW SECTION</u>. 103.32 STATE INSPECTION 24 31 PROCEDURES. 24 32 1. An inspection shall be made within three business days 24 33 of the submission of a request for an inspection as provided 24 34 in section 103.25. When necessary, circuits may be energized 24 35 by the authorized installer prior to inspection but the 25 1 installation shall remain subject to condemnation and 25 25 2 disconnection. 25 3 2. Where wiring is to be concealed, the inspector must be 25 4 notified within a reasonable time to complete rough=in 25 5 inspections prior to concealment, exclusive of Saturdays, 25 6 Sundays, and holidays. If wiring is concealed before rough=in 25 inspections without adequate notice having been given to the 7 25 8 inspector, the person responsible for having enclosed the 25 9 wiring shall be responsible for all costs resulting from 25 10 uncovering and replacing the cover material.
25 11 3. State inspection procedures and policies shall be 25 12 established by the board. The state fire marshal, or the 25 13 state fire marshal's designee, shall enforce the procedures 25 14 and policies, and enforce the provisions of the national 25 15 electrical code adopted by the board. 25 16 4. Except when an inspection reveals that an installation 25 17 or portion of an installation is not in compliance with 25 18 accepted standards of construction for safety to health and 25 19 property, based upon minimum standards set forth in the local 25 20 electrical code or the national electrical code adopted by the 25 21 board pursuant to section 103.6, such that an order of 25 22 condemnation or disconnection is warranted pursuant to section 25 23 103.26, an inspector shall not add to, modify, or amend a

25 24 construction plan as originally approved by the state fire 25 25 marshal in the course of conducting an inspection. The state 25 26 fire marshal shall establish by rule procedures to ensure the 25 27 uniform and consistent application and enforcement of the 25 28 national electrical code by each individual performing 25 29 inspections pursuant to this chapter. . 33. <u>NEW SECTION</u>. 103.33 STATE INSPECTION FEES. All state electrical inspection fees shall be due and 25 30 Sec. 33. <u>NEW SECTION</u>. 25 31 1. 25 32 payable to the board at or before commencement of the 25 33 installation and shall be forwarded with the request for 25 Inspection fees provided in this section shall 34 inspection. 25 35 not apply within the jurisdiction of any political subdivision if the political subdivision has adopted an ordinance or 26 1 resolution pursuant to this chapter. 2. The board shall establish the fees for inspections in 26 2 2.6 3 26 4 amounts not to exceed: 26 5 a. For each separate inspection of an installation, 26 6 replacement, alteration, or repair, twenty=five dollars. b. For services, change of services, temporary services, 26 7 26 8 additions, alterations, or repairs on either primary or secondary services as follows: 26 9 26 10 (1) Zero to one hundred ampere capacity, twenty=five 26 11 dollars plus five dollars per branch circuit or feeder. 26 12 (2) One hundred one to two hundred ampere capacity, 26 13 thirty=five dollars plus five dollars per branch circuit or 26 14 feeder. 26 15 (3) For each additional one hundred ampere capacity or 26 16 fraction thereof, twenty dollars plus five dollars per branch 26 17 circuit or feeder. c. For field irrigation system inspections, sixty dollars 26 18 26 19 for each unit inspected. 26 20 d. For the first d. For the first reinspection required as a result of a 26 21 correction order, fifty dollars; a second reinspection 26 22 required as a result of noncompliance with the same correction 26 23 order, seventy=five dollars; and subsequent reinspections 26 24 associated with the same correction order, one hundred dollars 26 25 for each reinspection. 26 26 When an inspection is requested by an owner, the 3. 26 27 minimum fee shall be thirty dollars plus five dollars per 26 28 branch circuit or feeder. The fee for fire and accident 26 29 inspections shall be computed at the rate of forty=seven 26 30 dollars per hour, and mileage and other expenses shall be 26 31 reimbursed as provided by the office of the state fire 26 32 marshal. 26 33 4. For installations requiring more than six months in the 26 34 process of construction and in excess of three hundred dollars 26 35 total inspection fees, the persons responsible for the 1 installation may, after a minimum filing fee of one hundred 2 dollars, pay a prorated fee for each month and submit it with 27 27 27 3 an order for payment initiated by the electrical inspector. 27 Sec. 34. NEW SECTION. 103.34 CONDEMNATION OR 4 27 DISCONNECTION ORDERS == APPEALS == DISPOSITION OF ORDERS 5 27 6 PENDING APPEAL. 27 7 1. Any person aggrieved by a condemnation or disconnection 27 order issued by the state fire marshal's office may appeal 8 from the order by filing a written notice of appeal with the 27 9 27 10 board within ten days after the date the order was served upon 27 11 the owner or within ten days after the order was filed with 27 12 the board, whichever is later. 27 13 2. Upon receipt of the notice of appeal from a 27 14 condemnation or disconnection order because the electrical 27 15 installation is proximately dangerous to health or property, 27 16 the order appealed from shall not be stayed unless 27 17 countermanded by the board. 27 18 3. Upon receipt of noti Upon receipt of notice of appeal from a condemnation or 27 19 disconnection order because the electrical installation is not 27 20 in compliance with accepted standards of construction for 27 21 safety to health and property, the order appealed from shall 27 22 be stayed until final decision of the board and the board 27 23 shall notify the property owner and the electrical contractor, 27 24 class A master electrician, class B master electrician, fire 27 25 alarm installer, or special electrician making the 27 26 installation. The power supplier shall also be notified in 27 27 those instances in which the order has been served on such 27 28 supplier. 27 29 Sec. 35. NEW SECTION. 103.35 APPEAL PROCEDURES. Upon receipt of a notice of appeal, the chairperson or 27 30 1. 27 31 executive secretary of the board may designate a hearing 27 32 officer from among the board members to hear the appeal or may 27 33 set the matter for hearing before the full board at its next 27 34 regular meeting. A majority of the board shall make the

27 35 decision. 28 1 2. Upon receiving the notice of appeal, the board shall 2 notify all persons served with the order appealed from. Such 28 3 persons may join in the hearing and give testimony in their 4 own behalf. The board shall set the hearing date on a date 28 2.8 28 5 not more than fourteen days after receipt of the notice of 28 6 appeal unless otherwise agreed by the interested parties and 28 7 the board. 28 8 Sec. 36. NEW SECTION. 103.36 SUSPENSION, REVOCATION, OR 2.8 9 REPRIMAND. 28 10 The board, by a simple majority vote of the entire board, 28 11 may suspend for a period not exceeding two years, or revoke 28 12 the certificate of licensure of, or reprimand any licensee who is found guilty of any of the following acts or offenses: 1. Fraud in procuring a certificate of licensure. 28 13 28 14 28 15 2. Professional incompetency. 28 16 3. Knowingly making misleading, deceptive, untrue, or 28 17 fraudulent representations in the practice of the licensee's 28 18 profession or engaging in unethical conduct or practice 28 19 harmful to the public. Proof of actual injury need not be 28 20 established. 28 21 4. Habitual intoxication or addiction to the use of drugs. 28 22 5. Conviction of a felony under the laws of the United 28 23 States, this state, any other state, territory, or possession 28 24 of the United States, the District of Columbia, or any foreign 28 25 country. A copy of the record of conviction or plea of quilty 28 26 is conclusive evidence of such conviction. 28 27 Revocation or suspension of licensure, or other 6. 28 28 disciplinary action by the licensing authority of another 28 29 state, territory, or possession of the United States, the 28 30 District of Columbia, or any foreign country. A certified 28 31 copy of the record or order of suspension, revocation, or 28 32 other disciplinary action is prima facie evidence of such 28 33 fact. 28 34 7. Fraud in representations as to skill or ability. 8. Use of untruthful or improbable statements in 28 35 29 1 advertisements. 29 2 9. Willful or repeated violations of this chapter. 29 Sec. 37. <u>NEW SECTION</u>. 103.37 PROCEDURE. 3 Proceedings for any action under section 103.36 shall be 29 4 commenced by filing with the board written charges against the accused. Upon the filing of charges, the board shall conduct 29 5 29 6 29 an investigation into the charges. The board shall designate 7 29 8 a time and place for a hearing, and shall notify the accused 29 9 of this action and furnish the accused a copy of all charges 29 10 at least thirty days prior to the date of the hearing. The 29 11 accused has the right to appear personally or by counsel, to 29 12 cross=examine witnesses, or to produce witnesses in defense. 29 13 Sec. 38. <u>NEW SECTION</u>. 103.38 INJUNCTION. Sec. 38. <u>NEW SECTION</u>. 103.38 INJUNCTION. Any person who is not legally authorized to practice in 29 14 29 15 this state according to this chapter, who practices, or in 29 16 connection with the person's name, uses any designation 29 17 tending to imply or designate the person as authorized to 29 18 practice in this state according to this chapter, may be 29 19 restrained by permanent injunction. 29 20 Sec. 39. <u>NEW SECTION</u>. 103.39 CRIMINAL VIOLATIONS. 29 21 A person who violates a permanent injunction issued 29 22 pursuant to section 103.38 or presents or attempts to file as 29 23 the person's own the certificate of licensure of another, or 29 24 who gives false or forged evidence of any kind to the board in 29 25 obtaining a certificate of licensure, or who falsely 29 26 impersonates another practitioner of like or different name, 29 27 or who uses or attempts to use a revoked certificate of 29 28 licensure, is guilty of a fraudulent practice under chapter 29 29 714. 29 30 Sec. 40. NEW SECTION. 103.40 CIVIL PENALTY. 31 1. In addition to any other penalties provided for in this 32 chapter, the board may by order impose a civil penalty upon a 33 person who is not licensed under this chapter and who does any 29 31 29 29 33 29 34 of the following: 29 35 a. Is employed in a capacity in which the person engages 30 1 in or offers to engage in the activities authorized pursuant 30 2 to this chapter. 30 3 b. Uses or employs the words "electrical contractor" 30 4 "class A master electrician", "class B master electrician", 30 "class A journeyman electrician", "class B journeyman 5 30 6 electrician", or "life safety installer", or implies authorization to provide or offer those services, or otherwise 30 7 8 uses or advertises any title, word, figure, sign, card, 9 advertisement, or other symbol or description tending to 30 30 30 10 convey the impression that the person is an "electrical

30 14 c. Gives false or forged evidence of any kind to the board 30 15 or any member of the board in obtaining or attempting to 30 16 obtain a certificate of licensure. 30 17 d. Falsely impersonates any individual licensed pursuant 30 18 to this chapter. 30 19 e. Uses or attempts to use an expired, suspended, revoked, 30 20 or nonexistent certificate of licensure. 30 21 f. Knowingly aids or abets an unlicensed person who 30 22 engages in any activity identified in this subsection. 2. A civil penalty imposed shall not exceed one thousand 30 23 30 24 dollars for each offense. Each day of a continued violation 30 25 constitutes a separate offense, except that offenses resulting 30 26 from the same or common facts or circumstances shall be 30 27 considered a single offense. 30 28 3. In determining the am 3. In determining the amount of a civil penalty to be 30 29 imposed, the board may consider any of the following: 30 30 a. Whether the amount imposed will be a substantial 30 31 economic deterrent to the violation. 30 32 b. The circumstances leading to the violation. The severity of the violation and the risk of harm to 30 33 с. 30 34 the public. 30 35 d. The economic benefits gained by the violator as a 31 1 result of noncompliance. 31 2 e. The interest of the public. 4. 31 3 Before issuing an order under this section, the board 31 4 shall provide the person written notice and the opportunity to 31 5 request a hearing on the record. The hearing must be 31 6 requested within thirty days of the issuance of the notice and 31 7 shall be conducted in the same manner as provided in section 31 8 103.37. 31 9 5. The board, in connection with a proceeding under this 31 10 section, may issue subpoenas to compel the attendance and 31 11 testimony of witnesses and the disclosure of evidence, and may 31 12 request the attorney general to bring an action to enforce the 31 13 subpoena. 31 14 6. A person aggrieved by the imposition of a civil penalty 31 15 under this section may seek judicial review in accordance with 31 16 section 17A.19. 31 17 7. If a person fails to pay a civil penalty within thirty 31 18 days after entry of an order under subsection 1, or if the 31 19 order is stayed pending an appeal within ten days after the 31 20 court enters a final judgment in favor of the board, the board 31 21 shall notify the attorney general. The attorney general may 31 22 commence an action to recover the amount of the penalty, 31 23 including reasonable attorney fees and costs. 31 24 8. An action to enforce an order under this section may be 31 25 joined with an action for an injunction. 31 26 Sections 1 through 5, section Sec. 41. EFFECTIVE DATES. 31 27 6, subsections 1 and 6, and section 17 of this Act, being 31 28 deemed of immediate importance, take effect upon enactment. 31 29 Sections 23 through 35 of this Act take effect January 1, 31 30 2009. The remaining sections and subsections of this Act take 31 31 effect January 1, 2008. 31 32 EXPLANATION This bill provides for a statewide system of licensure for 31 33 34 electricians and life safety installers, provisions regarding 31 31 35 electrical inspections, and specifies related licensing and inspection fees. The new statewide licensure system 32 1 32 2 supplements current licensure of electricians on a city=by= 3 city basis, permitting electricians to practice on a 32 32 4 statewide, as well as local, basis. 32 The bill provides for the creation of an 11=member 5 electrical examining board within the state fire marshal 32 6 32 7 division of the department of public safety. 8 The bill establishes several powers and duties relating to 9 the activities of the board. The board shall be authorized to 32 8 32 32 10 adopt rules to administer the chapter, and in so doing shall 32 11 be governed by the minimum standards set forth in the national 32 12 electrical code issued and adopted by the national fire 32 13 protection association. The rules shall establish wiring 32 14 standards that protect public safety and health and property 32 15 and that apply to all electrical wiring installed pursuant to 32 16 the chapter. Additional powers and duties of the board 32 17 include the ability to revoke, suspend, or refuse to renew any 32 18 license under specified circumstances, to adopt rules for 32 19 continuing education requirements, and to specify fee levels 32 20 and collection procedures. 32 21 The bill creates an electrician and installer licensing and

32 22 inspection fund in the state treasury as a separate fund under 32 23 the control of the board. The bill provides that all 32 24 licensing, registration, examination, renewal, and inspection 32 25 fees deposited or paid into the fund are appropriated and made 32 26 available to the board, and that the balance shall not revert 32 27 to the general fund. The bill provides that in order to, for another, plan, lay 32 28 32 29 out, or supervise the installation of electrical wiring, 32 30 apparatus, or equipment for light, heat, or power, an 32 31 individual must be licensed by the board as an electrical 32 32 contractor, a class A master electrician, or a class B master 32 33 electrician, as defined in the bill. The bill provides that 32 34 an applicant for an electrical contractor license shall either 32 35 be or employ a licensed class A or class B master electrician, and be registered with the state of Iowa as a contractor. 33 1 33 The bill provides that an applicant for a class A master 2 electrician license shall have at least one year's experience, acceptable to the board, as a licensed class A or class B 33 3 33 4 33 5 journeyman electrician, and obtain a score of at least 75 33 6 percent on an examination prescribed and administered by the board. An applicant who establishes that they have been 33 7 8 working in the electrical business and involved in planning 33 33 9 for, laying out, supervising, and installing electrical 33 10 wiring, apparatus, or equipment for light, heat, and power 33 11 prior to 1990 may be granted a class B master electrician 33 12 license without being tested, valid unless a political 33 13 subdivision establishes standards not permitting such work by 33 14 a class B master electrician. Additionally, the bill states 33 15 that a person licensed to plan, lay out, or supervise the 33 16 installation of electrical wiring, apparatus, or equipment for 33 17 light, heat, power, and other purposes by a political 33 18 subdivision preceding the effective date of the applicable 33 19 section of the bill pursuant to a supervised written 33 20 examination and who is currently engaged in the electrical 33 21 contracting industry, shall be issued an applicable 33 22 corresponding statewide license with the board adopting by 33 23 rule criteria for political subdivision examination standards. The bill provides that a person shall not, for another, 33 24 33 25 wire for or install electrical wiring, apparatus, or 33 26 equipment, or supervise an apprentice electrician or 33 27 unclassified person, unless licensed by the board as an 33 28 electrical contractor, a class A master electrician, a class B 33 29 master electrician, or a life safety installer, or is licensed 33 30 as a class A or B journeyman electrician or life safety 33 31 installer and employed by an electrical contractor, class A or 33 32 B master electrician, or a life safety installer as defined in 33 33 the bill. 33 34 The bill provides that an applicant for a class A 33 35 journeyman electrician license shall have successfully 34 completed an apprenticeship training program and have obtained 1 2 a score of at least 75 percent on an examination prescribed 3 and administered by the board. An applicant who can provide 34 34 4 proof that they have been employed as a journeyman electrician 34 34 5 since 1990 can be granted a class B journeyman electrician 34 license without being tested subject to political subdivision 6 34 7 restrictions similar to those applicable for class B master 34 8 electricians. The bill provides that a person licensed to 34 9 wire for or install electrical wiring, electrical apparatus, 34 10 or electrical equipment or supervise an apprentice electrician 34 11 by a political subdivision preceding the effective date of the 34 12 applicable section of the bill pursuant to a supervised 34 13 written examination, and who is currently engaged in the 34 14 electrical contracting industry with at least four years 34 15 experience, shall be issued an applicable corresponding 34 16 statewide license, with the board adopting rules for criteria 34 17 for city examination standards. 34 18 The bill provides for a special electrician license 34 19 authorizing the licensee to engage in a limited class or 34 20 classes of electrical work. Additionally, the bill provides 34 21 for the licensing of a life safety installer. The bill 34 22 provides that a person authorized to plan, lay out, or install 34 23 electrical wiring, electrical apparatus, and electrical 34 24 equipment for components of life safety systems that operate 34 25 at 50 volts or less by a political subdivision on the 34 26 applicable section of the bill's effective date shall be 34 27 issued an applicable statewide license corresponding to that 34 28 authorization, and that on or after the effective date of the 34 29 applicable section of the bill, a person licensed as a life 34 30 safety installer to plan, lay out, and install electrical 34 31 wiring, electrical apparatus, and electrical equipment for 34 32 components of life safety systems shall have at least two

34 33 years' experience, acceptable to the board, in planning, 34 34 laying out, and installing life safety systems. Additionally, 34 35 the bill specifies that an applicant for a life safety installer license shall obtain a score of at least 75 percent 35 on an examination prescribed and administered by the board. 35 2 35 3 The bill provides that a person licensed as a class A or class 35 4 B master electrician, or a class A or class B journeyman electrician, who has not successfully passed the examination 35 5 6 shall be authorized to install electrical wiring, apparatus, 35 35 and equipment for components of life safety systems if their 7 35 8 work is approved by a person who is licensed as a life safety 35 9 installer. 35 10 The bill additionally includes provisions pertaining to apprentice electricians and unclassified persons employed by 35 11 licensees. The bill provides that a person shall be licensed 35 12 35 13 to work as an apprentice electrician while participating in an 35 14 apprenticeship training program, and that a person is eligible 35 15 as an apprentice electrician for only one apprenticeship, 35 16 which shall be limited to six years from the date of licensure 35 17 unless extended for hardship. A person shall be licensed as 35 18 an unclassified person to perform electrical work if the work 35 19 is performed under the personal supervision of a person 35 20 actually licensed to perform such work and the licensed and 35 21 unclassified persons are employed by the same employer. The 35 22 bill provides that apprentice electricians and unclassified 35 23 persons shall do no electrical wiring except under the direct 35 24 personal on=the=job supervision and control in specified 35 25 ratios in the immediate presence of a licensee pursuant to the 35 26 bill. The bill provides that an unlicensed unclassified 35 27 person must obtain licensure as an unclassified person within 35 28 100 days of continuous employment. 35 29 The bill specifies the types of licensing examinations and 35 30 specifies examination frequencies and procedures. The bill 35 31 provides a criminal penalty of a simple misdemeanor for a 35 32 board member who discloses listed confidential information 35 33 relating to applicants and examinations. 35 34 The bill provides that with respect to class A master 35 35 electricians, class B master electricians, class A journeyman 36 1 electricians, and class B journeyman electricians, licenses 2 shall expire every three years, and specifies examination, 3 issuance, and renewal fees for the various classifications of 36 36 36 4 licensure. The bill also provides that to renew a license, 36 5 the licensee shall be required to complete 18 contact hours of 36 6 continuing education courses approved by the board per three= 36 7 year of licensure. The contact hours shall include a minimum 8 of six contact hours studying the national electrical code. 36 36 9 With respect to apprentice electricians and unclassified 36 10 persons, the bill provides that licenses shall expire 36 11 annually. 36 12 The bill provides for the continuation of business by a 36 13 36 14 licensee by a representative for a period of six months following the licensee's death, and provides for reciprocity 36 15 with other states. The bill specifies that individuals 36 16 performing electrical work in a capacity for which licensure 36 17 is required shall be employed by the authority or company 36 18 obtaining a permit for the performance of such work, and shall 36 19 possess a valid license issued by the board. The bill 36 20 contains a chapter inapplicability section, including 36 21 inapplicability to a person licensed as an engineer or 36 22 architect providing consultations and developing plans 36 23 concerning electrical installations while exclusively engaged 36 24 in the practice of their profession, and employees of 36 25 specified entities while acting within the scope of their The bill provides that persons who hold a valid 36 26 employment. 36 27 license issued by any political subdivision are not required 36 28 to obtain state licensure, so long as they make electrical 36 29 installations only in the jurisdictional limits of that 36 30 political subdivision and the license issued by the political 36 31 subdivision meets the requirements of the bill. Further, the 36 32 bill's provisions shall not apply to vertical transportation 36 33 or passenger conveyors, elevators, moving walks, dumbwaiters, 36 34 stagelifts, manlifts, or appurtenances, shall not require a 36 35 license of any person who engages any electrical appliance 37 1 where approved electrical outlets are already installed, 37 2 prohibit an owner of property from performing work on the 3 owner's principal residence under specified circumstances, or 37 37 4 require that any person be a member of a labor union in order 5 to be licensed. Additionally, the bill is inapplicable to 6 persons qualified pursuant to administrative rules relating to 37 37 the storage and handling of liquefied petroleum gases while 37 7 37 8 engaged in specified activities, and to persons meeting

37 9 administrative rule requirements for well contractors while 37 10 engaged in specified tasks. 37 11 The bill specifies inspection procedures and requirements
37 12 applicable to all new electrical installations for commercial
37 13 or industrial applications, including installations both
37 13 or industrial applications, including installations both 37 14 inside and outside of buildings, and for public use buildings 37 15 and facilities and any installation at the request of the 37 16 owner, all new electrical installations for residential 37 17 applications in excess of single=family residential 37 18 applications, all new electrical installations for single= 37 19 family residential applications requiring new electrical 37 20 service equipment, and existing electrical installations 37 21 observed during inspection which constitute an electrical 37 22 hazard, with the caveat that existing installations shall not 37 23 be deemed to constitute an electrical hazard if the wiring 37 24 when originally installed was installed in accordance with the 37 25 electrical code in force at the time of installation and has 37 26 been maintained in that condition. 37 27 The bill provides that state inspection shall not apply 37 28 within the jurisdiction of any political subdivision which 37 29 provides by resolution or ordinance standards of electrical 37 30 wiring and its installation that are not less than those 37 31 prescribed by the board or by the Code chapter established by 37 32 the bill and which further provides by resolution or ordinance 37 33 for the inspection of electrical installations within the 37 34 limits of such subdivision by a certified electrical 35 inspector. The bill provides that only the holder of an 1 electrical inspector's certificate of qualification shall be 37 38 38 2 appointed to act as electrical inspector, and provides that 38 3 the board shall establish by rule standards for the certification and decertification of state electrical inspectors, and certified electrical inspector continuing 38 4 38 5 38 6 education requirements. The bill specifies procedures relating to a request for 38 8 inspection at or before commencement of any installation 38 38 9 required to be inspected, and provides penalties for the 38 10 failure to do so. The bill provides that if an inspector 38 11 finds that any installation or portion of an installation is 38 12 not in compliance with accepted standards of construction for 38 13 safety to health and property, the inspector may issue written 38 14 condemnation orders, or orders for disconnection, with the 38 15 immediacy of such orders and opportunities to remedy the 38 16 noncompliance varying with the extent to which the 38 17 noncompliance is found to be a serious and proximate danger to 38 18 human health and property. The bill provides that before an 38 19 electrical installation subject to inspection is either newly 38 20 connected or reconnected, there must be filed with the 38 21 electrical utility supplying power a certificate by the 38 22 inspector stating that the conditions of the installation are 38 23 safe for energization. The bill specifies additional 38 24 procedures relating to inspections for new installations, and 38 25 provides that when an installation is brought into compliance 38 26 to the satisfaction of the inspector, the inspector shall file 38 27 with the electrical utility supplying power a certificate 38 28 stating that the electrical inspector has approved 38 29 energization. 38 30 The bill provides that all political subdivisions 38 31 performing electrical inspections prior to December 31, 2007, 38 32 shall continue performing them. The bill states that after 38 33 December 31, 2012, a political subdivision may choose to 38 34 discontinue performing its own inspections and permit the 38 35 board to have jurisdiction over inspections. A political subdivision may petition the board to discontinue performing 39 1 39 2 its own inspections prior to December 31, 2012, and authority 3 may be revoked by the board if by unanimous vote the board 4 finds just cause as specified in the bill. The bill also 39 39 39 5 provides that a political subdivision not performing 39 6 electrical inspections prior to December 31, 2007, may make provision for inspection of electrical installations within 39 7 39 8 its jurisdiction. The bill provides that a political 39 9 subdivision that performs electrical inspections may set 39 10 appropriate permit fees, and that a political subdivision 39 11 shall not require payment of any license fee or the taking of 39 12 any examination if a person holds a current license issued by 39 13 the board which is of a classification equal to or greater 39 14 than the classification needed to do the work proposed. 39 15 However, a political subdivision may require the filing of a 39 16 copy of the current license issued by the board or such other evidence of such license. 39 17 39 18 The bill provides that a political subdivision performing 39 19 electrical inspections prior to December 31, 2007, may

39 20 maintain a different supervision ratio than the ratio of three 39 21 apprentice electricians and unclassified persons to one 39 22 licensee specified in Code section 103.15, subsection 3, but 39 23 may not exceed that ratio. If a political subdivision begins 39 24 performing electrical inspections after December 31, 2007, the 39 25 bill provides that the three=to=one ratio applies unless a 39 26 petition by the political subdivision for a lower ratio is 39 27 approved by the board. The bill provides that a political 39 28 subdivision which discontinues performing electrical 39 29 inspections and permits the board to have jurisdiction over 39 30 inspections shall maintain the three=to=one ratio and may not 39 31 petition for a lower one unless the political subdivision 39 32 subsequently resumes performing electrical inspections. The 39 33 bill permits a political subdivision to determine what work 39 34 may be performed by a class B licensee within the 39 35 jurisdictional limits of the political subdivision, and states 40 1 that any action by a political subdivision with respect to 40 2 amendments to the national electrical code adopted by the 3 board shall be filed with the board prior to enforcement by 40 40 4 the political subdivision, and shall not be less than the 40 5 minimum standards established by the board by rule. 6 Additionally, the bill provides that a political subdivision 40 40 7 may grant a variance or interpret the national electrical code 8 in a manner which deviates from a standard interpretation on 9 an exception basis for a one=time installation or planned 40 40 40 10 installation so long as such a variance or interpretation does 40 11 not present an electrical hazard or danger to life or 40 12 property. 40 13 The bill specifies instances where inspections shall not be 40 14 required, specifies state inspection procedures, establishes 40 15 inspection and reinspection fees, and provides that such fees 40 16 shall not apply within the jurisdiction of any political 40 17 subdivision if the political subdivision has adopted an 40 18 ordinance or resolution as previously explained regarding 40 19 conducting its own inspections. The bill states that except 40 20 when an inspection reveals that an order of condemnation or 40 21 disconnection is warranted, an inspector shall not add to, 40 22 modify, or amend a construction plan as originally approved by 40 23 the state fire marshal in the course of conducting an 40 24 inspection, and that the national electrical code shall be 40 25 uniformly and consistently applied and enforced by all 40 26 inspectors. The bill additionally provides that the state 40 27 fire marshal, or the state fire marshal's designee, shall 40 28 enforce the procedures and policies determined by the board, 40 29 and the provisions of the national electrical code adopted by 40 30 the board. 40 31 The bill provides for an appeal process, and provides 40 32 suspension, revocation, reprimand, and penalty provisions. Provisions of the bill relating primarily to definitions 40 33 40 34 and the establishment of the electrician examining board take 40 35 effect upon enactment. Provisions relating primarily to establishing the various categories of licensure take effect 41 1 2 January 1, 2008. Provisions relating primarily to inspections 41

41 3 take effect January 1, 2009.

41 4 LSB 1601HH 82

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