

CHAPTER 103

ELECTRICIANS AND ELECTRICAL CONTRACTORS

Referred to in §100C.2, 105.18, 476.58

103.1	Definitions.	103.19	Licenses — expiration — application — fees.
103.1A	Term “commercial” applied.	103.20	Licenses without examination — reciprocity with other states.
103.2	Electrical examining board created.	103.21	Chapter inapplicability.
103.3	Terms of office — expenses — counsel.	103.22	Electrical installations — subject to inspection.
103.4	Organization of the board.	103.23	State inspection — inapplicability in certain political subdivisions — electrical inspectors — certificate of qualification.
103.5	Official seal — bylaws.	103.24	Request for inspection — fees.
103.6	Powers and duties.	103.25	Condemnation — disconnection — opportunity to correct noncompliance.
103.7	Electrician and installer licensing and inspection fund.	103.26	Condemnation or disconnection order — service.
103.8	Activities where license required — exceptions.	103.27	Certificate of safe operation — dismissal of condemnation or disconnection order.
103.9	Electrical contractor license.	103.28	Political subdivisions — inspections — authority of political subdivisions.
103.10	Class A master electrician license — qualifications — class B master electrician license.	103.29	Inspections not required.
103.10A	Inactive master electrician license.	103.30	State inspection procedures.
103.11	Wiring or installing — supervising apprentices — license required — qualifications.	103.31	State inspection fees.
103.12	Class A journeyman electrician license qualifications — class B journeyman electrician license.	103.32	Condemnation or disconnection orders — appeals — disposition of orders pending appeal.
103.12A	Residential electrician and residential master electrician license — qualifications.	103.33	Appeal procedures.
103.13	Special electrician license — qualifications.	103.34	Suspension, revocation, or reprimand.
103.14	Alarm installations.	103.35	Procedure.
103.15	Apprentice electrician — unclassified person.	103.36	Injunction.
103.16	License examinations.	103.37	Criminal violations.
103.17	Disclosure of confidential information — criminal penalty.	103.38	Civil penalty.
103.18	License renewal — continuing education.	103.39	

103.1 Definitions.

As used in [this chapter](#), unless the context otherwise requires:

1. “Apprentice electrician” means any person who, as such person’s principal occupation, is engaged in learning and assisting in the installation, alteration, and repair of electrical wiring, apparatus, and equipment as an employee of a person licensed under [this chapter](#), and who is licensed by the board and is progressing toward completion of an apprenticeship training program registered by the office of apprenticeship of the United States department of labor. For purposes of [this chapter](#), persons who are not engaged in the installation, alteration, or repair of electrical wiring, apparatus, and equipment, either inside or outside buildings, shall not be considered apprentice electricians.

2. “Board” means the electrical examining board created under [section 103.2](#).

3. “Class A journeyman electrician” means a person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electrical wiring, apparatus, and equipment and to supervise apprentice electricians and who is licensed by the board.

4. “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 electrical wiring, apparatus, and equipment for light, heat, power, and other purposes and who is licensed by the board.

5. “*Class B journeyman electrician*” means a person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electrical wiring, apparatus, and equipment who meets and is subject to the restrictions of [section 103.12](#).

6. “*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 of electrical wiring, apparatus, and equipment who meets and is subject to the restrictions of [section 103.10](#).

7. “*Electrical contractor*” means a person affiliated with an electrical contracting firm or business who is, or who employs a person who is, licensed by the board as either a class A or class B master electrician and who is also registered with the state of Iowa as a contractor pursuant to [chapter 91C](#).

8. “*Farm*” means land, buildings and structures used for agricultural purposes including but not limited to the storage, handling, and drying of grain and the care, feeding, and housing of livestock.

9. “*Industrial installation*” means an installation intended for use in the manufacture or processing of products involving systematic labor or habitual employment and includes installations in which agricultural or other products are habitually or customarily processed or stored for others, either by buying or reselling on a fee basis.

10. “*Inspector*” means a person certified as an electrical inspector upon such reasonable conditions as may be adopted by the board. The board may permit more than one class of electrical inspector.

11. “*New electrical installation*” means the installation of electrical wiring, apparatus, and equipment for light, heat, power, and other purposes.

12. “*Public use building or facility*” means any building or facility designated for public use, including all property owned and occupied or designated for use by the state of Iowa.

13. “*Residential electrician*” means a person having the necessary qualifications, training, experience, and technical knowledge to perform a residential installation.

14. “*Residential installation*” means the wiring for or installation of electrical wiring, apparatus, and equipment in a residence consisting of no more than four living units within the same building.

15. “*Residential master electrician*” means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the performance of a residential installation.

16. “*Routine maintenance*” means the repair or replacement of existing electrical apparatus or equipment, including but not limited to wires, cables, switches, receptacles, outlets, fuses, circuit breakers, and fixtures, of the same size and type for which no changes in wiring are made, but does not include any new electrical installation or the expansion or extension of any circuit.

17. “*Special electrician*” means a person having the necessary qualifications, training, and experience in wiring or installing special classes of electrical wiring, apparatus, equipment, or installations which shall include irrigation system wiring, disconnecting and reconnecting of existing air conditioning and refrigeration, and sign installation and who is licensed by the board.

18. “*Unclassified person*” means any person, other than an apprentice electrician or other person licensed under [this chapter](#), who, as such person’s principal occupation, is engaged in learning and assisting in the installation, alteration, and repair of electrical wiring, apparatus, and equipment as an employee of a person licensed under [this chapter](#), and who is licensed by the board as an unclassified person. For purposes of [this chapter](#), persons who are not engaged in the installation, alteration, or repair of electrical wiring, apparatus, and equipment, either inside or outside buildings, shall not be considered unclassified persons.

2007 Acts, ch 197, §11, 50; 2008 Acts, ch 1032, §19; 2008 Acts, ch 1092, §7 – 10, 32; 2009 Acts, ch 39, §1; 2009 Acts, ch 179, §114; 2010 Acts, ch 1061, §19

**103.1A Term “commercial” applied.**

As used in [this chapter](#):

1. “Commercial” refers to a use, installation, structure, or premises associated with a place of business where goods, wares, services, or merchandise is stored or offered for sale on a wholesale or retail basis.
2. “Commercial” refers to a residence only if the residence is regularly open to the public as a place of business as provided in [subsection 1](#).
3. “Commercial” does not refer to a use, installation, structure, or premises associated with any of the following:
  - a. A farm.
  - b. An industrial installation.

[2017 Acts, ch 10, §1](#)

**103.2 Electrical examining board created.**

1. An electrical examining board is created within the division of state fire marshal of the department of public safety. The board shall consist of eleven voting members appointed by the governor and subject to senate confirmation, all of whom shall be residents of this state.
2. The members shall be as follows:
  - a. Two members shall be journeyman electricians, one a member of an electrical workers union covered under a collective bargaining agreement and one not a member of a union.
  - b. Two members shall be master electricians or electrical contractors, one of whom is a contractor signed to a collective bargaining agreement or a master electrician covered under a collective bargaining agreement and one of whom is a contractor not signed to a collective bargaining agreement or a master electrician who is not a member of a union.
  - c. One member shall be an electrical inspector.
  - d. Two members, one a union member covered under a collective bargaining agreement and one who is not a member of a union, each of whom shall not be a member of any of the groups described in paragraphs “a” through “c”, and shall represent the general public.
  - e. One member shall be the state fire marshal or a representative of the state fire marshal’s office.
  - f. One member shall be a local building official employed by a political subdivision to perform electrical inspections for that political subdivision.
  - g. One member shall represent a public utility.
  - h. One member shall be an engineer licensed pursuant to [chapter 542B](#) with a background in electrical engineering.

3. The public members of the board shall be allowed to participate in administrative, clerical, or ministerial functions incident to giving a licensure examination, but shall not determine the content of the examination or determine the correctness of the answers. Professional associations or societies composed of licensed electricians may recommend to the governor the names of potential board members whose profession is representative of that association or society. However, the governor is not bound by the recommendations. A board member shall not be required to be a member of any professional electrician association or society.

[2007 Acts, ch 197, §12, 50; 2008 Acts, ch 1092, §11, 32](#)

Referred to in [§100C.10, 103.1](#)  
Confirmation, see [§2.32](#)

**103.3 Terms of office — expenses — counsel.**

1. Appointments to the board, other than the state fire marshal or a representative of the state fire marshal’s office, shall be for three-year staggered terms and shall commence and end as provided by [section 69.19](#). The most recently appointed state fire marshal, or a representative of the state fire marshal’s office, shall be appointed to the board on an ongoing basis. Vacancies shall be filled for the unexpired term by appointment of the governor and shall be subject to senate confirmation. Members shall serve no more than three terms or nine years, whichever is least.
2. Members of the board are entitled to receive all actual expenses incurred in the

discharge of their duties within the limits of funds appropriated to the board. Each member of the board may also be eligible to receive compensation as provided in [section 7E.6](#).

3. The board shall be entitled to the counsel and services of the attorney general. The board may compel the attendance of witnesses, pay witness fees and mileage, take testimony and proofs, and administer oaths concerning any matter within its jurisdiction.

[2007 Acts, ch 197, §13, 50](#)

Confirmation, see §2.32

#### **103.4 Organization of the board.**

The board shall elect annually from its members a chairperson and a vice chairperson, and shall hire and provide staff to assist the board in administering [this chapter](#). An executive secretary designated by the board shall report to the state fire marshal for purposes of routine board administrative functions, and shall report directly to the board for purposes of execution of board policy such as application of licensing criteria and processing of applications. The board shall hold at least one meeting quarterly at the location of the board's principal office, and meetings shall be called at other times by the chairperson or four members of the board. At any meeting of the board, a majority of members constitutes a quorum.

[2007 Acts, ch 197, §14, 50](#)

#### **103.5 Official seal — bylaws.**

The board shall adopt and have an official seal which shall be affixed to all certificates of licensure granted.

[2007 Acts, ch 197, §15, 50](#)

#### **103.6 Powers and duties.**

1. The board shall:

a. Adopt rules pursuant to [chapter 17A](#) and in doing so shall be governed by the minimum standards set forth in the most current publication of the national electrical code issued and adopted by the national fire protection association, and amendments to the code, which code and amendments shall be filed in the offices of the state law library and the board and shall be a public record. The board shall adopt rules reflecting updates to the code and amendments to the code. The board shall promulgate and adopt rules establishing wiring standards that protect public safety and health and property and that apply to all electrical wiring which is installed subject to [this chapter](#).

b. Revoke, suspend, or refuse to renew any license granted pursuant to [this chapter](#) when the licensee does any of the following:

(1) Fails or refuses to pay any examination, license, or renewal fee required by law.

(2) Is an electrical contractor and fails or refuses to provide and keep in force a public liability insurance policy and surety bond as required by the board.

(3) Violates any political subdivision's inspection ordinances.

c. Adopt rules for continuing education requirements for each classification of licensure established pursuant to [this chapter](#), and adopt all rules, not inconsistent with the law, necessary for the proper performance of the duties of the board.

d. Provide for the amount and collection of fees for inspection and other services.

e. Grant an exception for a person who would otherwise be denied a license due to a criminal conviction under specified circumstances. When considering such an exception, the board shall consider the following: the nature and seriousness of any offense of which the person was convicted, all circumstances relative to the offense, including mitigating circumstances or social conditions surrounding the commission of the offense, the age of the person at the time the offense was committed, the length of time that has elapsed since the offense was committed, letters of reference, and all other relevant evidence of rehabilitation and present fitness presented. A person holding a license prior to July 1, 2019, shall not be required to obtain an exception to maintain a license.

2. The board may, in its discretion, revoke, suspend, or refuse to renew any license granted pursuant to [this chapter](#) when the licensee violates any provision of the national electrical

code as adopted pursuant to [subsection 1, this chapter](#), or any rule adopted pursuant to [this chapter](#).

2007 Acts, ch 197, §16, 50; 2008 Acts, ch 1031, §34; 2008 Acts, ch 1032, §20; 2008 Acts, ch 1092, §12, 32; 2019 Acts, ch 99, §1

Referred to in §103.10, 103.12, 103.18, 103.26, 103.29, 103.31  
Subsection 1, NEW paragraph e

### **103.7 Electrician and installer licensing and inspection fund.**

An electrician and installer licensing and inspection fund is created in the state treasury as a separate fund under the control of the board. All licensing, examination, renewal, and inspection fees shall be deposited into the fund and retained by and for the use of the board. Expenditures from the fund shall be approved by the sole authority of the board in consultation with the state fire marshal. Amounts deposited into the fund shall be considered repayment receipts as defined in [section 8.2](#). Notwithstanding [section 8.33](#), any balance in the fund on June 30 of each fiscal year shall not revert to the general fund of the state, but shall remain available for the purposes of [this chapter](#) in subsequent fiscal years. Notwithstanding [section 12C.7, subsection 2](#), interest or earnings on moneys deposited in the fund shall be credited to the fund.

2007 Acts, ch 197, §17, 50

### **103.8 Activities where license required — exceptions.**

1. No person, except a person licensed as an electrical contractor, shall engage in the business of providing new electrical installations or any other electrical services regulated under [this chapter](#).

2. Except as provided in [sections 103.13](#) and [103.14](#), no person shall, for another, plan, lay out, or supervise the installation of wiring, apparatus, or equipment for electrical light, heat, power, and other purposes unless the person is licensed by the board as an electrical contractor, a class A master electrician, or a class B master electrician.

2007 Acts, ch 197, §18, 50; 2008 Acts, ch 1092, §13, 32

Referred to in §103.13

### **103.9 Electrical contractor license.**

1. An applicant for an electrical contractor license shall either be or employ a licensed class A or class B master electrician, and be registered with the state of Iowa as a contractor pursuant to [chapter 91C](#).

2. A contractor who holds a class B master electrician license shall be licensed subject to the restrictions of [section 103.10](#).

3. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation, or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

2007 Acts, ch 197, §19, 50; 2008 Acts, ch 1032, §21; 2019 Acts, ch 99, §2

NEW subsection 3

### **103.10 Class A master electrician license — qualifications — class B master electrician license.**

1. An applicant for a class A master electrician license shall have at least one year's experience, acceptable to the board, as a licensed class A or class B journeyman electrician.

2. In addition, an applicant shall meet examination criteria based upon the most recent

national electrical code adopted pursuant to [section 103.6](#) and upon electrical theory, as determined by the board.

3. a. An applicant who can provide proof acceptable to the board that the applicant has been working in the electrical business and involved in planning for, laying out, supervising, and installing electrical wiring, apparatus, or equipment for light, heat, and power since January 1, 1998, and for a total of at least sixteen thousand hours, of which at least eight thousand hours shall have been accumulated since January 1, 1998, may be granted a class B master electrician license without taking an examination. An applicant who is issued a class B master electrician license pursuant to [this section](#) shall not be authorized to plan, lay out, or supervise the installation of electrical wiring, apparatus, and equipment in a political subdivision which, prior to or after January 1, 2008, establishes licensing standards which preclude such work by class B master electricians in the political subdivision. The board shall adopt rules establishing procedures relating to the restriction of a class B master electrician license pursuant to [this subsection](#).

b. A class B master electrician may become licensed as a class A master electrician upon successful passage of the examination prescribed in [subsection 2](#).

4. A person licensed to plan, lay out, or supervise the installation of electrical wiring, apparatus, or equipment for light, heat, power, and other purposes and supervise apprentice electricians by a political subdivision preceding January 1, 2008, pursuant to a supervised written examination, and who is currently engaged in the electrical contracting industry, shall be issued an applicable statewide license corresponding to that licensure as a class A master electrician or electrical contractor. The board shall adopt by rule certain criteria for city examination standards satisfactory to fulfill this requirement.

5. The board may reject an application for licensure under [this section](#) from an applicant who would be subject to suspension, revocation, or reprimand pursuant to [section 103.35](#).

6. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation, or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

[2007 Acts, ch 197, §20, 50; 2008 Acts, ch 1077, §1, 3; 2008 Acts, ch 1092, §14, 32; 2019 Acts, ch 99, §3](#)

Referred to in [§103.1, 103.9](#)  
NEW subsection 6

#### **103.10A Inactive master electrician license.**

The board may by rule create an inactive master electrician license and establish a fee for such a license. An applicant for an inactive master electrician license shall, at a minimum, meet the requirements of [this chapter](#) and requirements established by the board by rule for licensure as a class A master electrician or a class B master electrician. A person licensed as an inactive master electrician shall not be authorized to act as a master electrician, but shall be authorized to apply for a class A master electrician license or a class B master electrician license at a future date subject to conditions and under procedures established by the board by rule. The conditions and procedures shall include but not be limited to completion of the required number of contact hours of continuing education courses specified in [section 103.18](#), and paying the applicable license fee specified in [section 103.19](#) for a class A master electrician license or class B master electrician license.

[2009 Acts, ch 39, §2](#)

**103.11 Wiring or installing — supervising apprentices — license required — qualifications.**

Except as provided in [section 103.13](#), no person shall, for another, wire for or install electrical wiring, apparatus, or equipment, or supervise an apprentice electrician or unclassified person, unless the person is licensed by the board as an electrical contractor, a class A master electrician, or a class B master electrician, or is licensed as a class A journeyman electrician or a class B journeyman electrician and is employed by an electrical contractor or is working under the supervision of a class A master electrician or a class B master electrician.

[2007 Acts, ch 197, §21, 50; 2008 Acts, ch 1092, §15, 32](#)

Referred to in [§103.15](#)

**103.12 Class A journeyman electrician license qualifications — class B journeyman electrician license.**

1. An applicant for a class A journeyman electrician license shall have successfully completed an apprenticeship training program registered by the office of apprenticeship of the United States department of labor in accordance with the standards established by that department or shall have received training or experience for a period of time and under conditions as established by the board by rule.

2. In addition, an applicant shall meet examination criteria based upon the most recent national electrical code adopted pursuant to [section 103.6](#) and upon electrical theory, as determined by the board.

3. *a.* An applicant who can provide proof acceptable to the board that the applicant has been employed as a journeyman electrician since January 1, 1998, and for a total of at least sixteen thousand hours, of which at least eight thousand hours shall have been accumulated since January 1, 1998, may be granted a class B journeyman electrician license without taking an examination. An applicant who is issued a class B journeyman electrician license pursuant to [this section](#) shall not be authorized to wire for or install electrical wiring, apparatus, and equipment in a political subdivision which, prior to or after January 1, 2008, establishes licensing standards which preclude such work by class B journeyman electricians in the political subdivision. The board shall adopt rules establishing procedures relating to the restriction of a class B journeyman electrician license pursuant to [this subsection](#).

*b.* A class B journeyman electrician may become licensed as a class A journeyman electrician upon successful passage of the examination prescribed in [subsection 2](#).

4. A person licensed to wire for or install electrical wiring, apparatus, or equipment or supervise an apprentice electrician by a political subdivision preceding January 1, 2008, pursuant to a supervised written examination, and who is currently engaged in the electrical contracting industry with at least four years' experience, shall be issued an applicable statewide license corresponding to that licensure as a class A journeyman electrician or a class B journeyman electrician. The board shall adopt by rule certain criteria for city examination standards satisfactory to fulfill this requirement.

5. The board may reject an application for licensure under [this section](#) from an applicant who would be subject to suspension, revocation, or reprimand pursuant to [section 103.35](#).

6. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation, or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the

department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

2007 Acts, ch 197, §22, 50; 2008 Acts, ch 1077, §2, 3; 2008 Acts, ch 1092, §16 – 18, 32; 2010 Acts, ch 1061, §20; 2019 Acts, ch 99, §4

Referred to in §103.1  
NEW subsection 6

### **103.12A Residential electrician and residential master electrician license — qualifications.**

1. The board may by rule provide for the issuance of a residential electrician license, and may by rule provide for the issuance of a residential master electrician license.

a. A residential electrician license or residential master electrician license, if established by the board, shall be issued to applicants who meet qualifications determined by the board, and shall be valid for the performance of residential installations, subject to limitations or restrictions established by the board.

b. A person who, on or after July 1, 2009, holds a special electrician license authorizing residential electrical installation, granted pursuant to [section 103.13](#), shall be eligible for conversion of that special license to either a residential electrician license or a residential master electrician license, if established by the board, in accordance with requirements and procedures established by the board.

2. A person licensed by the board as a class A journeyman electrician or a class B journeyman electrician, or as a class A master electrician or a class B master electrician, shall not be required to hold a residential electrician or residential master electrician license to perform any type of residential installation authorized for a person licensed pursuant to [this section](#).

3. The board may reject an application for licensure under [this section](#) from an applicant who would be subject to suspension, revocation, or reprimand pursuant to [section 103.35](#).

4. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation, or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

2009 Acts, ch 39, §3; 2019 Acts, ch 99, §5

NEW subsection 4

### **103.13 Special electrician license — qualifications.**

1. The board shall by rule provide for the issuance of special 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 shall have experience, acceptable to the board, in each such limited class of work for which the person is licensed.

2. Notwithstanding [section 103.8](#), a person who holds a special electrician license is not required to obtain an electrical contractor license to engage in the business of providing new electrical installations or any other electrical services if such installations or services fall within the limited class of special electrical work for which the person holds the special electrician license.

3. The board may reject an application for licensure under [this section](#) from an applicant who would be subject to suspension, revocation, or reprimand pursuant to [section 103.35](#).

4. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation,



or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

2007 Acts, ch 197, §23, 50; 2008 Acts, ch 1092, §19, 32; 2009 Acts, ch 39, §4; 2019 Acts, ch 99, §6

Referred to in §103.8, 103.11, 103.12A  
NEW subsection 4

#### **103.14 Alarm installations.**

A person who is not licensed pursuant to [this chapter](#) may plan, lay out, or install electrical wiring, apparatus, and equipment for components of alarm systems that operate at seventy volt/amps (VA) or less, only if the person is certified to conduct such work pursuant to [chapter 100C](#). Installations of alarm systems that operate at seventy volt/amps (VA) or less are subject to inspection by state inspectors as provided in [section 103.31](#), except that reports of such inspections, if the installation being inspected was performed by a person certified pursuant to [chapter 100C](#), shall be submitted to the state fire marshal and any action taken on a report of an inspection of an installation performed by a person certified pursuant to [chapter 100C](#) shall be taken by or at the direction of the state fire marshal, unless the installation has been found to exceed the authority granted to the certificate holder pursuant to [chapter 100C](#) and therefore to be in violation of [this chapter](#).

2007 Acts, ch 197, §24, 50

Referred to in §103.8, 103.22

#### **103.15 Apprentice electrician — unclassified person.**

1. A person shall be licensed by the board and pay a licensing fee to work as an apprentice electrician while participating in an apprenticeship training program registered by the office of apprenticeship of the United States department of labor in accordance with the standards established by that department. An apprenticeship shall be limited to six years from the date of licensure, unless extended by the board upon a finding that a hardship existed which prevented completion of the apprenticeship program. Such licensure shall entitle the licensee to act as an apprentice to an electrical contractor, a class A master electrician, a class B master electrician, a class A journeyman electrician, or a class B journeyman electrician as provided in [subsection 3](#).

2. *a.* A person shall be licensed as an unclassified person by the board to perform electrical work if the work is performed under the personal supervision of a person actually licensed to perform such work and the licensed and unclassified persons are employed by the same employer. A person shall not be employed continuously for more than one hundred days as an unclassified person without having obtained a current license from the board. For the purposes of determining whether a person has been “employed continuously” for more than one hundred days under [this subsection](#), employment shall include any days not worked due to illness, holidays, weekend days, and other absences that do not constitute separation from or termination of employment. Any period of employment as a nonlicensed unclassified person shall not be credited to any applicable experiential requirement of an apprenticeship training program registered by the office of apprenticeship of the United States department of labor.

*b.* Licensed persons shall not permit unclassified persons to perform electrical work except under the personal supervision of a person actually licensed to perform such work. Unclassified persons shall not supervise the performance of electrical work or make assignments of electrical work to unclassified persons. Any person employing unclassified persons performing electrical work shall maintain records establishing compliance with [this section](#), which shall designate all unclassified persons performing electrical work.

3. Apprentice electricians and unclassified persons shall do no electrical wiring except under the direct personal on-the-job supervision and control and in the immediate presence

of a licensee as specified in [section 103.11](#). Such supervision shall include both on-the-job training and related classroom training as approved by the board. The licensee may employ or supervise apprentice electricians and unclassified persons at a ratio not to exceed three apprentice electricians and unclassified persons to one licensee, except that such ratio and the other requirements of [this section](#) shall not apply to apprenticeship classroom training.

4. For purposes of [this section](#), “*the direct personal on-the-job supervision and control and in the immediate presence of a licensee*” shall mean the licensee and the apprentice electrician or unclassified person shall be working at the same project location but shall not require that the licensee and apprentice electrician or unclassified person be within sight of one another at all times.

5. An apprentice electrician shall not install, alter, or repair electrical equipment except as provided in [this section](#), and the licensee employing or supervising an apprentice electrician shall not authorize or permit such actions by the apprentice electrician.

6. The board may reject an application for licensure under [this section](#) from an applicant who would be subject to suspension, revocation, or reprimand pursuant to [section 103.35](#).

7. Conviction of a felony in Iowa that is sexual abuse in violation of [section 709.4](#), a sexually violent offense as defined in [section 229A.2](#), the offense of dependent adult abuse in violation of [section 235B.20](#), a forcible felony as defined in [section 702.11](#), or the offense of domestic abuse assault in violation of [section 708.2A](#), shall be grounds for denial, revocation, or suspension of a license. Conviction for any other felony shall not be grounds for denial, revocation, or suspension. A conviction of a crime in violation of federal law or in violation of the law of another state shall be given the same effect as it would if such conviction had been under Iowa law. If federal law or the laws of another state do not provide for offenses or violations denominated or described in precisely the same words as Iowa law, the department shall determine whether those offenses or violations are substantially similar in nature to Iowa law and apply those offenses or violations accordingly.

[2007 Acts, ch 197, §25, 50; 2008 Acts, ch 1092, §20, 32; 2009 Acts, ch 133, §27; 2010 Acts, ch 1061, §21, 22; 2019 Acts, ch 99, §7](#)

Referred to in [§103.22, 103.29](#)  
NEW subsection 7

### **103.16 License examinations.**

1. Examinations for licensure shall be offered as often as deemed necessary by the board, but no less than one time per quarter. The scope of the examinations and the methods of procedure shall be prescribed by the board. The examinations given by the board shall be the Experior assessment examination, or a successor examination approved by the board, or an examination prepared by a third-party testing service which is substantially equivalent to the Experior assessment examination, or a successor examination approved by the board.

2. An examination may be given by representatives of the board. As soon as practicable after the close of each examination, a report shall be filed in the office of the secretary of the board by the board. The report shall show the action of the board upon each application and the secretary of the board shall notify each applicant of the result of the applicant's examination. Applicants who fail the examination once shall be allowed to take the examination at the next scheduled time. Thereafter, the applicant shall be allowed to take the examination at the discretion of the board. An applicant who has failed the examination may request, in writing, information from the board concerning the applicant's examination grade and subject areas or questions which the applicant failed to answer correctly, except that if the board administers a uniform, standardized examination, the board shall only be required to provide the examination grade and such other information concerning the applicant's examination results which are available to the board.

[2007 Acts, ch 197, §26, 50; 2008 Acts, ch 1092, §21, 32](#)

### **103.17 Disclosure of confidential information — criminal penalty.**

1. A member of the board shall not disclose information relating to the following:
  - a. Criminal history or prior misconduct of an applicant.
  - b. Information relating to the contents of an examination.

c. Information relating to examination results other than a final score except for information about the results of an examination given to the person who took the examination.

2. A member of the board who willfully communicates or seeks to communicate such information, and any person who willfully requests, obtains, or seeks to obtain such information, is guilty of a simple misdemeanor.

2007 Acts, ch 197, §27, 50

### **103.18 License renewal — continuing education.**

In order to renew a class A master electrician, class B master electrician, class A journeyman electrician, or class B journeyman electrician license issued pursuant to [this chapter](#), the licensee shall be required to complete eighteen contact hours of continuing education courses approved by the board during the three-year period for which a license is granted. The contact hours shall include a minimum of six contact hours studying the national electrical code described in [section 103.6](#), and the remaining contact hours may include study of electrical circuit theory, blueprint reading, transformer and motor theory, electrical circuits and devices, control systems, programmable controllers, and microcomputers or any other study of electrical-related material that is approved by the board. Any additional hours studying the national electrical code shall be acceptable. For purposes of [this section](#), “*contact hour*” means fifty minutes of classroom attendance at an approved course under a qualified instructor approved by the board.

2007 Acts, ch 197, §28, 50

Referred to in [§103.10A](#)

### **103.19 Licenses — expiration — application — fees.**

1. Licenses issued pursuant to [this chapter](#) shall expire every three years, with the exception of licenses for apprentice electricians and unclassified persons, which shall expire on an annual basis. All license applications shall include the applicant’s social security number, which shall be maintained as a confidential record and shall be redacted prior to public release of an application or other record containing such social security number. The board shall establish the fees to be payable for license issuance and renewal in amounts not to exceed the following:

a. For each year of the three-year license period for issuance and renewal:

(1) Electrical contractor, one hundred twenty-five dollars.

(2) Class A master electrician, class B master electrician, residential master electrician, one hundred twenty-five dollars.

(3) Class A journeyman electrician, class B journeyman electrician, residential electrician, or special electrician, twenty-five dollars.

b. For apprentice electricians or unclassified persons, twenty dollars.

2. The holder of an expired license may renew the license for a period of three months from the date of expiration upon payment of the license fee plus ten percent of the renewal fee for each month or portion thereof past the expiration date. All holders of licenses expired for more than three months shall apply for a new license.

3. If the board determines that all licenses shall expire on the same date every three years for licenses specified in [subsection 1](#), paragraph “a”, the license fees shall be prorated by month. The board shall determine an individual’s license fee based on the number of months that the individual’s license will be in effect after being issued and prior to expiration.

2007 Acts, ch 197, §29, 50; 2008 Acts, ch 1092, §22, 32; 2009 Acts, ch 39, §5, 6

Referred to in [§103.10A](#)

### **103.20 Licensee status — employment — death.**

1. Individuals performing electrical work in a capacity for which licensure is required pursuant to [this chapter](#) shall be employed by the authority or company obtaining a permit for the performance of such work, and shall possess a valid license issued by the board.

2. Upon the death of an electrical contractor, a class A master electrician, or a class B master electrician, the board may permit a representative to carry on the business of the decedent for a period not to exceed six months for the purpose of completing work under

contract to comply with [this chapter](#). Such representative shall furnish all public liability and property damage insurance required by the board.

[2007 Acts, ch 197, §30, 50](#)

### **103.21 Licenses without examination — reciprocity with other states.**

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 qualifications of the applicant are equal to the qualifications of holders of similar licenses in this state.

[2007 Acts, ch 197, §31, 50](#)

### **103.22 Chapter inapplicability.**

The provisions of [this chapter](#) shall not:

1. Apply to a person licensed as an engineer pursuant to [chapter 542B](#), licensed as an architect pursuant to [chapter 544A](#), licensed as a landscape architect pursuant to [chapter 544B](#), licensed as a manufactured or mobile home retailer or certified as a manufactured or mobile home installer pursuant to [chapter 103A](#), or designated as lighting certified by the national council on qualifications for the lighting professions who is providing consultations and developing plans concerning electrical installations and who is exclusively engaged in the practice of the person's profession.

2. Require employees of municipal utilities, electric membership or cooperative associations, investor-owned utilities, rural water associations or districts, railroads, telecommunications companies, franchised cable television operators, farms, or commercial or industrial companies performing manufacturing, installation, and repair work for such employer to hold licenses while acting within the scope of their employment. An employee of a farm does not include a person who is employed for the primary purpose of installing a new electrical installation.

3. Require firms or individuals working under contract to municipal utilities, electric membership or cooperative associations, or investor-owned utilities to hold licenses while performing work for utilities which is within the scope of the public service obligations of a utility.

4. Require any person doing work for which a license would otherwise be required under [this chapter](#) to hold a license issued under [this chapter](#) if the person is the holder of a valid license issued by any political subdivision, so long as the person makes electrical installations only within the jurisdictional limits of such political subdivision and such license issued by the political subdivision is based upon requirements that are substantially equivalent to the licensing requirements of [this chapter](#).

5. Apply to the installation, maintenance, repair, or alteration of vertical transportation or passenger conveyors, elevators, moving walks, dumbwaiters, stagelifts, manlifts, or appurtenances thereto beyond the terminals of the controllers. The licensing of elevator contractors or constructors shall not be considered a part of the licensing requirements of [this chapter](#).

6. Require a license of any person who engages any electrical appliance where approved electrical supply is already installed.

7. Prohibit an owner of property from performing work on the owner's principal residence, if such residence is an existing dwelling rather than new construction and is not an apartment that is attached to any other apartment or building, as those terms are defined in [section 499B.2](#), and is not larger than a single-family dwelling, or require such owner to be licensed under [this chapter](#). In order to qualify for inapplicability pursuant to [this subsection](#), a residence shall qualify for the homestead tax exemption.

8. Require that any person be a member of a labor union in order to be licensed.

9. Apply to a person who is qualified pursuant to administrative rules relating to the storage and handling of liquefied petroleum gases while engaged in installing, servicing, testing, replacing, or maintaining propane gas utilization equipment, or gas piping systems

of which the equipment is a part, and related or connected accessory systems or equipment necessary to the operation of the equipment.

10. Apply to a person who meets the requirements for a well contractor pursuant to administrative rules while engaged in installing, servicing, testing, replacing, or maintaining a well or well equipment, or piping systems of which the equipment is a part, and related or connected accessory systems or equipment necessary to the operation of the equipment.

11. Apply to a person performing alarm system installations pursuant to [section 103.14](#) or to a person who is engaged in the design, installation, erection, repair, maintenance, or alteration of class two or class three remote control, signaling, or power-limited circuits, optical fiber cables or other cabling, or communications circuits, including raceways, as defined in the national electrical code for voice, video, audio, and data signals in commercial or residential premises.

12. Require any person, including an employee of the state or any political subdivision of the state, performing routine maintenance to be licensed under [this chapter](#).

13. Apply to a person otherwise licensed pursuant to [this chapter](#) who is engaged in the wiring or installation of electrical wiring, apparatus, or equipment while presenting a course of instruction relating to home construction technology, or a similar course of instruction, offered to students by a community college established under [chapter 260C](#), an institution under the control of the state board of regents, or a school corporation. A student enrolled in such a course of instruction shall not be considered an apprentice electrician or unclassified person, and supervision ratios as provided in [section 103.15, subsection 3](#), shall not be applicable. The board shall by rule establish inspection procedures in the event that the home constructed pursuant to the course is intended for eventual occupation as a residence.

14. Prohibit a person from performing work on an emergency basis as determined by the board.

15. Apply to a person performing any installation on a farm, if the person is associated with the farm as a holder of a legal or equitable interest, a relative or employee of the holder, or an operator or manager of the farm. The provisions of [this chapter](#) do not require such person to be licensed. In addition, a permit is not required for an installation on a farm, and an installation on a farm is not required to be inspected. In order for a farm building to qualify under [this subsection](#), the farm building must not be regularly open to the public as a place of business for the retail sale of goods, wares, services, or merchandise.

[2007 Acts, ch 197, §32, 50; 2008 Acts, ch 1031, §35; 2008 Acts, ch 1032, §22; 2008 Acts, ch 1076, §2, 4; 2008 Acts, ch 1092, §23, 24, 32; 2008 Acts, ch 1191, §46; 2009 Acts, ch 39, §7; 2009 Acts, ch 179, §115; 2017 Acts, ch 10, §2, 3; 2017 Acts, ch 131, §7](#)

### **103.23 Electrical installations — subject to inspection.**

The inspection and enforcement provisions of [this chapter](#) shall apply to the following:

1. All new electrical installations for commercial or industrial applications, including installations both inside and outside of buildings, and for public use buildings and facilities and any installation at the request of the property owner.

2. All new electrical installations for residential applications in excess of single-family residential applications, including an apartment that is attached to any other apartment or building, as those terms are defined in [section 499B.2](#).

3. All new electrical installations for single-family residential applications requiring new electrical service equipment.

4. Existing electrical installations observed during inspection which constitute an electrical hazard. Existing installations shall not be deemed to constitute an electrical hazard if the wiring when originally installed was installed in accordance with the electrical code in force at the time of installation and has been maintained in that condition.

[2007 Acts, ch 197, §33, 50; 2008 Acts, ch 1032, §94, 202; 2008 Acts, ch 1092, §25, 32](#)

Referred to in [§103.30](#)

### **103.24 State inspection — inapplicability in certain political subdivisions — electrical inspectors — certificate of qualification.**

1. The board shall establish by rule standards for the certification and decertification of

electrical inspectors appointed by the state or a political subdivision to enforce [this chapter](#) or any applicable resolution or ordinance within the inspector's jurisdiction, and for certified electrical inspector continuing education requirements.

a. On and after January 1, 2009, a person appointed to act as an electrical inspector for the state shall obtain an inspector's certificate of qualification within one year of such appointment and shall maintain the certificate thereafter for the duration of the inspector's service as an electrical inspector.

b. On and after January 1, 2014, a person appointed to act as an electrical inspector for a political subdivision shall obtain an inspector's certificate of qualification within one year of such appointment and shall maintain the certificate thereafter for the duration of the inspector's service as an electrical inspector.

2. State inspection shall not apply within the jurisdiction of any political subdivision which, pursuant to [section 103.29](#), provides by resolution or ordinance standards of electrical wiring and its installation that are not less stringent than those prescribed by the board or by [this chapter](#) and which further provides by resolution or ordinance for the inspection of electrical installations within the limits of such subdivision by a certified electrical inspector. A copy of the certificate of each electrical inspector shall be provided to the board by the political subdivision issuing the certificate.

3. State inspection shall not apply to routine maintenance.

[2007 Acts, ch 197, §34, 50; 2008 Acts, ch 1032, §95, 202; 2008 Acts, ch 1092, §26, 32](#)

Referred to in [§103.30](#)

### **103.25 Request for inspection — fees.**

1. At or before commencement of any installation required to be inspected by the board, the licensee or property owner making such installation shall submit to the state fire marshal's office a request for inspection. The board shall prescribe the methods by which the request may be submitted, which may include electronic submission or through a form prescribed by the board that can be submitted either through the mail or by a fax transmission. The board shall also prescribe methods by which inspection fees can be paid, which may include electronic methods of payment. If the board or the state fire marshal's office becomes aware that a person has failed to file a necessary request for inspection, the board shall send a written notification by certified mail that the request must be filed within fourteen days. Any person filing a late request for inspection shall pay a delinquency fee in an amount to be determined by the board. A person who fails to file a late request within fourteen days from receipt of the notification shall be subject to a civil penalty to be determined by the board by rule.

2. Notwithstanding [subsection 1](#), the board may by rule provide for the issuance of a single permit to a licensee to request multiple inspections. The permit authorizes the licensee to perform new electrical installations specified in the permit. The board shall prescribe the methods by which the request for multiple inspections may be submitted, which may include electronic submission or through a form prescribed by the board that can be submitted either through the mail or by a fax transmission. The board shall also prescribe methods by which inspection fees can be paid, which may include electronic methods of payment. The board may perform inspections of each new electrical installation or any portion of the total number of new electrical installations made under each permit. The board shall establish fees for such permits, which shall not exceed the total inspection fees that would be required if each new electrical installation performed under the request for multiple inspections had been performed under individual requests for inspections as provided in [subsection 1](#).

[2007 Acts, ch 197, §35, 50; 2008 Acts, ch 1032, §96, 202; 2008 Acts, ch 1092, §27, 32; 2009 Acts, ch 39, §8; 2011 Acts, ch 34, §33](#)

Referred to in [§103.31](#)

### **103.26 Condemnation — disconnection — opportunity to correct noncompliance.**

If the inspector finds that any installation or portion of an installation is not in compliance with accepted standards of construction for health safety and property safety, based upon minimum standards set forth in the local electrical code or the national electrical code adopted by the board pursuant to [section 103.6](#), the inspector shall by written order condemn

the installation or noncomplying portion or order service to such installation disconnected and shall send a copy of such order to the board, the state fire marshal, and the electrical utility supplying power involved. If the installation or the noncomplying portion is such as to seriously and proximately endanger human health or property, the order of the inspector when approved by the inspector's supervisor shall require immediate condemnation and disconnection by the applicant. In all other cases, the order of the inspector shall establish a reasonable period of time for the installation to be brought into compliance with accepted standards of construction for health safety and property safety prior to the effective date established in such order for condemnation or disconnection.

[2007 Acts, ch 197, §36, 50](#); [2008 Acts, ch 1032, §97, 202](#); [2008 Acts, ch 1092, §28, 32](#)

Referred to in [§103.31](#)

#### **103.27 Condemnation or disconnection order — service.**

1. A copy of each condemnation or disconnection order 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 the board by rule may direct.

2. The electrical utility supplying power shall be served with a copy of any order which requires immediate disconnection or prohibits energizing an installation.

[2007 Acts, ch 197, §37, 50](#)

#### **103.28 Certificate of safe operation — dismissal of condemnation or disconnection order.**

1. No electrical installation subject to inspection under [this chapter](#) shall be newly connected or reconnected for use until the electrical inspector has filed with the electrical utility supplying power a certificate stating that the electrical inspector has approved such energization.

2. If the electrical inspector determines that an electrical installation subject to inspection by the board is not in compliance with accepted standards of construction for health safety and property safety, based upon minimum standards adopted by the board pursuant to [this chapter](#), the inspector shall issue a correction order. A correction order made pursuant to [this section](#) shall be served personally or by United States mail only upon the licensee making the installation. The correction order shall order the licensee to make the installation comply with the standards, noting specifically what changes are required. The order shall specify a date, not more than seventeen calendar days from the date of the order, when a new inspection shall be made. When the installation is brought into compliance to the satisfaction of the inspector, the inspector shall file with the electrical utility supplying power a certificate stating that the electrical inspector has approved energization.

3. An electrical utility supplier may refuse service without liability for such refusal until the provisions of [this section](#) have been met.

[2007 Acts, ch 197, §38, 50](#); [2008 Acts, ch 1032, §98, 202](#)

#### **103.29 Political subdivisions — inspections — authority of political subdivisions.**

1. A political subdivision performing electrical inspections prior to December 31, 2007, shall continue to perform such inspections. After December 31, 2013, a political subdivision may choose to discontinue performing its own inspections and permit the board to have jurisdiction over inspections in the political subdivision. If a political subdivision seeks to discontinue its own inspections prior to December 31, 2013, the political subdivision shall petition the board. On or after January 1, 2014, if a unanimous vote of the board finds that a political subdivision's inspections are inadequate by reason of misfeasance, malfeasance, or nonfeasance, the board may suspend or revoke the political subdivision's authority to perform its own inspections, subject to appeal according to the procedure set forth in [section 103.34](#) and judicial review pursuant to [section 17A.19](#). A political subdivision not performing electrical inspections prior to December 31, 2007, 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 or resolutions and electrical codes.

2. A political subdivision performing electrical inspections pursuant to [subsection 1](#) prior to December 31, 2007, may maintain a different supervision ratio than the ratio of three

apprentice electricians and unclassified persons to one licensee specified in [section 103.15, subsection 3](#), but may not exceed that ratio. A political subdivision which begins performing electrical inspections after December 31, 2007, shall maintain the specified three-to-one ratio unless the board approves a petition by the political subdivision for a lower ratio. A political subdivision which discontinues performing electrical inspections and permits the board to have jurisdiction over inspections shall maintain the specified three-to-one supervision ratio, and may not petition for a lower ratio unless the political subdivision subsequently resumes performing electrical inspections.

3. A political subdivision that performs electrical inspections may set appropriate permit fees to pay for such inspections. A political subdivision shall not require any person holding a license from the board to pay any license fee or take any examination if the person holds a current license issued by the board which is of a classification equal to or greater than the classification needed to do the work proposed. Any such political subdivision may provide a requirement that each person doing electrical work within the jurisdiction of such political subdivision have on file with the political subdivision a copy of the current license issued by the board or such other evidence of such license as may be provided by the board.

4. A political subdivision is authorized to determine what work may be performed by a class B licensee within the jurisdictional limits of the political subdivision, provided, however, that a political subdivision shall not prohibit a class B licensee from performing any type of work that the licensee was authorized to perform within the political subdivision under the authority of a license validly issued or recognized by the political subdivision on December 31, 2007.

5. A political subdivision that performs electrical inspections shall act as the authority having jurisdiction for electrical inspections and for amending the national electrical code adopted by the board pursuant to [section 103.6](#) for work performed within the jurisdictional limits of the political subdivision, provided those inspections and amendments conform to the requirements of [this chapter](#). Any action by a political subdivision with respect to amendments to the national electrical code shall be filed with the board prior to enforcement by the political subdivision, and shall not be less stringent than the minimum standards established by the board by rule.

6. A political subdivision may grant a variance or interpret the national electrical code in a manner which deviates from a standard interpretation on an exception basis for a one-time installation or planned installation so long as such a variance or interpretation does not present an electrical hazard or danger to life or property.

7. A county shall not perform electrical inspections on a farm or farm residence.

[2007 Acts, ch 197, §39, 50; 2008 Acts, ch 1092, §29, 32; 2009 Acts, ch 39, §9; 2009 Acts, ch 179, §116](#)

Referred to in [§103.24](#)

### **103.30 Inspections not required.**

1. Nothing in [this chapter](#) shall be construed to require the work of employees of municipal utilities, railroads, electric membership or cooperative associations, investor-owned utilities, rural water associations or districts, or telecommunications systems to be inspected while the employees are acting within the scope of their employment.

2. The board may by rule exempt specified types of new electrical installations from the state electrical inspection requirements under [section 103.23](#), provided that a political subdivision conducting inspections pursuant to [section 103.24](#) shall not be prohibited from requiring inspection of any new electrical installation exempt by rule from state inspection pursuant to [this subsection](#).

[2007 Acts, ch 197, §40, 50; 2008 Acts, ch 1076, §3; 2009 Acts, ch 39, §10; 2009 Acts, ch 133, §28](#)

### **103.31 State inspection procedures.**

1. An inspection shall be made within three business days of the submission of a request for an inspection as provided in [section 103.25](#). When necessary, circuits may be energized by the authorized installer prior to inspection but the installation shall remain subject to



condemnation and disconnection and subject to any appropriate restrictions or limitations as determined by the board.

2. Where wiring is to be concealed, the inspector must be notified within a reasonable time to complete rough-in inspections prior to concealment, exclusive of Saturdays, Sundays, and holidays. If wiring is concealed before rough-in inspections without adequate notice having been given to the inspector, the person responsible for having enclosed the wiring shall be responsible for all costs resulting from uncovering and replacing the cover material.

3. State inspection procedures and policies shall be established by the board. The state fire marshal, or the state fire marshal's designee, shall enforce the procedures and policies, and enforce the provisions of the national electrical code adopted by the board.

4. Except when an inspection reveals that an installation or portion of an installation is not in compliance with accepted standards of construction for health safety and property safety, based upon minimum standards set forth in the local electrical code or the national electrical code adopted by the board pursuant to [section 103.6](#), such that an order of condemnation or disconnection is warranted pursuant to [section 103.26](#), an inspector shall not add to, modify, or amend a construction plan as originally approved by the state fire marshal or the state building code commissioner in the course of conducting an inspection.

5. Management and supervision of inspectors, including hiring decisions, disciplinary action, promotions, and work schedules are the responsibility of the state fire marshal acting in accordance with applicable law and pursuant to any applicable collective bargaining agreement. The state fire marshal and the board shall jointly determine work territories, regions, or districts for inspectors and continuing education and ongoing training requirements applicable to inspectors. An inspector subject to disciplinary action pursuant to [this subsection](#) shall be entitled to an appeal according to the procedure set forth in [section 103.34](#) and judicial review pursuant to [section 17A.19](#).

6. The board shall establish an internet-based licensure verification database for access by a state or local inspector for verification of licensee status. The database shall include the name of every person licensed under [this chapter](#) and a corresponding licensure number. Inspectors shall be authorized to request the name and license number of any person working at a job site subject to inspection for verification of licensee status. Licensees under [this chapter](#) shall be required to carry a copy of their current license and photo identification at all times when employed on a job site for compliance with [this subsection](#).

[2007 Acts, ch 197, §41, 50; 2008 Acts, ch 1032, §99, 202; 2008 Acts, ch 1092, §30, 32; 2013 Acts, ch 90, §257](#)

Referred to in [§103.14](#)

### **103.32 State inspection fees.**

1. All state electrical inspection fees shall be due and payable to the board at or before commencement of the installation and shall be forwarded with the request for inspection. Inspection fees provided in [this section](#) shall not apply within the jurisdiction of any political subdivision if the political subdivision has adopted an ordinance or resolution pursuant to [this chapter](#).

2. The board shall establish the fees for inspections in amounts not to exceed:

a. For each separate inspection of an installation, replacement, alteration, or repair, twenty-five dollars.

b. For services, change of services, temporary services, additions, alterations, or repairs on either primary or secondary services as follows:

(1) Zero to one hundred ampere capacity, twenty-five dollars plus five dollars per branch circuit or feeder.

(2) One hundred one to two hundred ampere capacity, thirty-five dollars plus five dollars per branch circuit or feeder.

(3) For each additional one hundred ampere capacity or fraction thereof, twenty dollars plus five dollars per branch circuit or feeder.

c. For field irrigation system inspections, sixty dollars for each unit inspected.

d. For the first reinspection required as a result of a correction order, fifty dollars; a second reinspection required as a result of noncompliance with the same correction order,

seventy-five dollars; and subsequent reinspections associated with the same correction order, one hundred dollars for each reinspection.

3. When an inspection is requested by a property owner, the minimum fee shall be thirty dollars plus five dollars per branch circuit or feeder. The fee for fire and accident inspections shall be computed at the rate of forty-seven dollars per hour, and mileage and other expenses shall be reimbursed as provided by the office of the state fire marshal.

4. For installations requiring more than six months in the process of construction and in excess of three hundred dollars total inspection fees, the persons responsible for the installation may, after a minimum filing fee of one hundred dollars, pay a prorated fee for each month and submit it with an order for payment initiated by the electrical inspector.

5. A state electrical inspection fee shall not be assessed for an event benefiting a nonprofit association representing volunteer service providers. An electrical inspection fee shall not be assessed by a political subdivision for an annual event benefiting a nonprofit association representing volunteer service providers.

2007 Acts, ch 197, §42, 50; 2008 Acts, ch 1032, §100, 202; 2009 Acts, ch 179, §117

### **103.33 Condemnation or disconnection orders — appeals — disposition of orders pending appeal.**

1. Any person aggrieved by a condemnation or disconnection order issued by the state fire marshal's office may appeal from the order by filing a written notice of appeal with the board within ten days after the date the order was served upon the property owner or within ten days after the order was filed with the board, whichever is later.

2. Upon receipt of the notice of appeal from a condemnation or disconnection order because the electrical installation is proximately dangerous to health or property, the order appealed from shall not be stayed unless countermanded by the board.

3. Upon receipt of notice of appeal from a condemnation or disconnection order because the electrical installation is not in compliance with accepted standards of construction for health safety and property safety, except as provided in [subsection 2](#), the order appealed from shall be stayed until final decision of the board and the board shall notify the property owner and the electrical contractor, class A master electrician, class B master electrician, fire alarm installer, special electrician, or if established by the board the residential master electrician, making the installation. The power supplier shall also be notified in those instances in which the order has been served on such supplier.

2007 Acts, ch 197, §43, 50; 2008 Acts, ch 1032, §101, 202; 2009 Acts, ch 39, §11; 2011 Acts, ch 34, §34

Referred to in [§103.34](#)

### **103.34 Appeal procedures.**

1. Upon receipt of a notice of appeal filed pursuant to [section 103.33](#), the chairperson or executive secretary of the board may designate a hearing officer from among the board members to hear the appeal or may set the matter for hearing before the full board at its next regular meeting. A majority of the board shall make the decision.

2. Upon receiving the notice of appeal filed pursuant to [section 103.33](#), the board shall notify all persons served with the order appealed from. Such persons may join in the hearing and give testimony in their own behalf. The board shall set the hearing date on a date not more than fourteen days after receipt of the notice of appeal unless otherwise agreed by the interested parties and the board.

2007 Acts, ch 197, §44, 50; 2008 Acts, ch 1092, §31, 32

Referred to in [§103.29](#), [103.31](#)

### **103.35 Suspension, revocation, or reprimand.**

The board, by a simple majority vote of the entire board, may suspend for a period not exceeding two years, or revoke 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.
2. Professional incompetency.
3. Knowingly making misleading, deceptive, untrue, or fraudulent representations in the

practice of the licensee's profession or engaging in unethical conduct or practice harmful to the public. Proof of actual injury need not be established.

4. Habitual intoxication or addiction to the use of drugs.

5. Revocation or suspension of licensure, or other disciplinary action by the licensing authority of another state, territory, or possession of the United States, the District of Columbia, or any foreign country. A certified copy of the record or order of suspension, revocation, or other disciplinary action is prima facie evidence of such fact.

6. Fraud in representations as to skill or ability.

7. Use of untruthful or improbable statements in advertisements.

8. Willful or repeated violations of [this chapter](#).

[2007 Acts, ch 197, §45, 50; 2019 Acts, ch 99, §8](#)

Referred to in [§103.10](#), [103.12](#), [103.12A](#), [103.13](#), [103.15](#), [103.36](#)

Subsection 5 stricken and former subsections 6 – 9 renumbered as 5 – 8

### **103.36 Procedure.**

Proceedings for any action under [section 103.35](#) shall be commenced by filing with the board written charges against the accused. Upon the filing of charges, the board shall conduct an investigation into the charges. The board shall designate a time and place for a hearing, and shall notify the accused of this action and furnish the accused a copy of all charges at least thirty days prior to the date of the hearing. The accused has the right to appear personally or by counsel, to cross-examine witnesses, or to produce witnesses in defense.

[2007 Acts, ch 197, §46, 50](#)

Referred to in [§103.39](#)

### **103.37 Injunction.**

Any person who is not legally authorized to practice in this state according to [this chapter](#), who practices, or in connection with the person's name, uses any designation tending to imply or designate the person as authorized to practice in this state according to [this chapter](#), may be restrained by permanent injunction.

[2007 Acts, ch 197, §47, 50](#)

Referred to in [§103.38](#)

### **103.38 Criminal violations.**

A person who violates a permanent injunction issued pursuant to [section 103.37](#) or presents or attempts to file as the person's own the certificate of licensure of another, or who gives false or forged evidence of any kind to the board in obtaining a certificate of licensure, or who falsely impersonates another practitioner of like or different name, or who uses or attempts to use a revoked certificate of licensure, is guilty of a fraudulent practice under [chapter 714](#).

[2007 Acts, ch 197, §48, 50](#)

### **103.39 Civil penalty.**

1. In addition to any other penalties provided for in [this chapter](#), the board may by order impose a civil penalty upon a person who is not licensed under [this chapter](#) and who does any of the following:

a. Is employed in a capacity in which the person engages in or offers to engage in the activities authorized pursuant to [this chapter](#).

b. Uses or employs the words "electrical contractor", "class A master electrician", "class B master electrician", "class A journeyman electrician", or "class B journeyman electrician", or implies authorization to provide or offer those services, or otherwise uses or advertises any title, word, figure, sign, card, advertisement, or other symbol or description tending to convey the impression that the person is an "electrical contractor", "class A master electrician", "class B master electrician", "class A journeyman electrician", or "class B journeyman electrician".

c. Gives false or forged evidence of any kind to the board or any member of the board in obtaining or attempting to obtain a certificate of licensure.

d. Falsely impersonates any individual licensed pursuant to [this chapter](#).

e. Uses or attempts to use an expired, suspended, revoked, or nonexistent certificate of licensure.

f. Knowingly aids or abets an unlicensed person who engages in any activity identified in [this subsection](#).

2. A civil penalty imposed shall not exceed one thousand dollars for each offense. Each day of a continued violation constitutes a separate offense, except that offenses resulting from the same or common facts or circumstances shall be considered a single offense.

3. In determining the amount of a civil penalty to be imposed, the board may consider any of the following:

- a. Whether the amount imposed will be a substantial economic deterrent to the violation.
- b. The circumstances leading to the violation.
- c. The severity of the violation and the risk of harm to the public.
- d. The economic benefits gained by the violator as a result of noncompliance.
- e. The interest of the public.

4. Before issuing an order under [this section](#), the board shall provide the person written notice and the opportunity to request a hearing on the record. The hearing must be requested within thirty days of the issuance of the notice and shall be conducted in the same manner as provided in [section 103.36](#).

5. The board, in connection with a proceeding under [this section](#), may issue subpoenas to compel the attendance and testimony of witnesses and the disclosure of evidence, and may request the attorney general to bring an action to enforce the subpoena.

6. A person aggrieved by the imposition of a civil penalty under [this section](#) may seek judicial review in accordance with [section 17A.19](#).

7. If a person fails to pay a civil penalty within thirty days after entry of an order under [subsection 1](#), or if the order is stayed pending an appeal within ten days after the court enters a final judgment in favor of the board, the board shall notify the attorney general. The attorney general may commence an action to recover the amount of the penalty, including reasonable attorney fees and costs.

8. An action to enforce an order under [this section](#) may be joined with an action for an injunction.

[2007 Acts, ch 197, §49, 50](#)