

661—502.2 (103) License requirements.

502.2(1) An electrical contractor license may be issued to a person who submits to the board the required application with the applicable fee, who holds or employs a person who holds an active master electrician license, who is registered as a contractor with the labor services division of Iowa workforce development, and who is not disqualified pursuant to rule 661—502.4(103). An electrical contractor license issued to a person who holds a class B master electrician license is subject to the same restriction of use as is the class B master electrician license.

502.2(2) A residential electrical contractor license may be issued to a person who is licensed as a class A master electrician, a class B master electrician, or a residential master electrician and who is registered with the state of Iowa as a contractor pursuant to Iowa Code chapter 91C.

502.2(3) A class A master electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets one of the following requirements:

a. Has completed one year of experience as a licensed journeyman electrician, and has passed a supervised written examination for master electrician approved by the board with a score of 75 or higher; or

b. As of December 31, 2007, held a current valid license as a master electrician issued by a political subdivision in Iowa, the issuance of which required passing a supervised written examination approved by the board, and one year of experience as a journeyman electrician; or

c. Holds a current class B master electrician license and has passed a supervised written examination for master electrician approved by the board with a score of 75 or higher.

502.2(4) A class B master electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), who presents credible evidence of having worked for a total of eight years (16,000 hours of cumulative experience) as a master electrician since 1989, and whose experience as a master electrician began on or before December 31, 1989.

502.2(5) A residential master electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets one of the following requirements:

a. Holds a current residential electrician or journeyman electrician license, has 2,000 hours of verified experience as a residential electrician or a journeyman electrician, and has passed a residential master electrician examination approved by the board; or

b. Holds a current special electrician license with a residential endorsement, has 4,000 hours of verified experience, and has passed a residential master electrician examination approved by the board.

502.2(6) A class A journeyman electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets one of the following requirements:

a. Has successfully completed an apprenticeship program registered by the Bureau of Apprenticeship and Training of the United States Department of Labor, has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher, and has completed four years of experience as an apprentice electrician; or

b. As of December 31, 2007, held a current valid license as a journeyman electrician issued by a political subdivision in Iowa, the issuance of which required passing a supervised written examination approved by the board, and has completed a registered apprenticeship program and four years of experience as an apprentice electrician; or

c. Holds a current class B journeyman electrician license and has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher.

EXCEPTION: An electrician currently licensed in another state may satisfy the sponsorship requirements for testing for a journeyman class A license by providing evidence of all of the following:

1. Current licensure as a journeyman or master electrician from another state which required passing a test sponsored by that state.

2. Completion of 18 hours of continuing education units approved by the board.
3. Completion of 1,000 hours of work in Iowa as an unclassified person.

502.2(7) A class B journeyman electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), who presents credible evidence of having worked for a total of eight years (16,000 hours of cumulative experience) as a journeyman electrician or master electrician since 1989, and whose experience as a journeyman electrician or master electrician began on or before December 31, 1990.

502.2(8) A residential electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets one of the following requirements:

a. Holds a current residential special electrician license and has held that license for a minimum of one year and has passed a residential electrician examination approved by the board; or

b. Has completed 6,000 hours of experience as an apprentice electrician and has passed a residential electrician examination approved by the board. An applicant may take the examination required by this paragraph after completing 5,000 hours of experience as an apprentice electrician, although the license will not be issued until the applicant has completed 6,000 hours of such experience; or

c. Has completed 4,000 hours of experience working under the direct supervision of a residential master electrician, a residential electrician, a master electrician, or a journeyman electrician; has successfully completed a minimum of one academic year of an electrical trade school approved by the board; and has passed a residential electrician examination approved by the board; or

d. Has completed 8,000 hours of verified experience as a licensed unclassified person including at least 2,000 hours of verified work experience in residential wiring and has passed a residential electrician examination approved by the board; or

e. Has successfully completed a residential electrician apprenticeship program approved by the United States Department of Labor and passed a residential electrician examination approved by the board.

502.2(9) A special electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets the qualifications for any endorsement entered on the license. Each special electrician license shall carry one or more endorsements as specified in paragraphs “a” through “d.”

a. Endorsement 1, “Irrigation System Wiring,” shall be included on a special electrician license if the licensee requests it and has passed a supervised examination approved by the board or has completed two years, or 4,000 hours, of documented experience in the wiring of irrigation systems.

b. Endorsement 2, “Disconnecting and Reconnecting Existing Air Conditioning and Refrigeration Systems,” shall be included on a special electrician license if the licensee requests it and has passed a supervised examination approved by the board or has completed two years of documented experience in the disconnecting and reconnecting of existing air conditioning and refrigeration systems.

c. Endorsement 3, “Sign Installation,” shall be included on a special electrician license if the licensee requests that it be included. This endorsement does not authorize a licensee to connect power to a sign that has a voltage greater than 220V and an ampere rating greater than 20 amps. Initial installation or upgrading of the branch circuits supplying power to the sign shall be completed by a licensed master electrician or by a licensed journeyman electrician under the supervision of a master electrician.

d. Endorsement 4, “Residential Electrician,” shall be included on a special electrician license if the licensee requests it and has passed a supervised written examination approved by the board or has completed four years of documented experience performing residential electrical work. A political subdivision may, by enactment of an ordinance filed with the board prior to its effective date, require that a special electrician performing work authorized by this endorsement be supervised by a master electrician. Special electrician licenses with “residential electrician” endorsements shall not be

issued after December 31, 2010. Renewals of special electrician licenses with “residential electrician” endorsements shall not be issued after December 31, 2013.

502.2(10) An apprentice electrician license may be issued to a person who submits a completed application to the board with the applicable fee, who is not disqualified pursuant to rule 661—502.4(103), and who is participating in an apprenticeship training program that is registered with the Bureau of Apprenticeship and Training of the United States Department of Labor. A person may hold an apprentice electrician license for no more than six years from the original date on which an apprentice electrician license is granted, except that a person may apply to the board for an exception to this limitation based upon a documented hardship. “Documented hardship” includes, but is not limited to, an interruption in service as an apprentice electrician for active military duty or for an extended illness.

502.2(11) A license as an unclassified person may be issued to a person who submits a completed application to the board with the applicable fee, who is not disqualified pursuant to rule 661—502.4(103), and who is employed by a licensed electrical contractor.

502.2(12) In lieu of renewal of the active master electrician license, an inactive master electrician license may be issued to a holder of a master electrician license whose license is due for renewal and who requests placement in inactive status. A holder of an inactive license shall maintain all requirements which would apply for an active master electrician license, except for payment of the fee required for an active license, during the term of the inactive license. If the license holder fails to meet any such requirement during the term of the inactive license, the license holder shall not be entitled to reinstatement of an active license. If the license holder continues to meet all such requirements while holding an inactive license, the license holder may obtain an active master electrician license by surrendering the inactive master electrician license, filing an application for reinstatement, and paying the applicable license fee. The holder of an inactive license who seeks reinstatement of an active license shall not receive any refund of the fee paid for the inactive license. A person who holds an inactive license may not perform work which requires the person to be a holder of that license but may perform work authorized by any active license issued by the board which the person holds.

502.2(13) Retaking an examination. If passage of an examination is a requirement for issuance of a license:

a. An applicant who has taken the examination for a license twice and has failed the examination twice shall wait six months before taking the examination again and shall complete 12 hours of continuing education approved by the board on subjects related to the standards specified in 661—Chapter 504. After satisfying the requirements of this paragraph, the applicant may take the examination two additional times, or a maximum of four times.

b. An applicant who has satisfied the conditions of paragraph “a” and who has taken the examination two additional times, or a total of four times, and has failed the examination four times shall wait an additional six months and shall complete an additional 12 hours of continuing education approved by the board on subjects related to the standards specified in 661—Chapter 504 before taking the examination again. After satisfying the requirements of this paragraph, the applicant may take the examination two additional times, or a maximum of six times.

c. An applicant who has satisfied the conditions of paragraph “b” and who has taken the examination two additional times, or a total of six times, and has failed the examination six times shall not be permitted to take the examination an additional time unless approved to do so by the board. An applicant who wishes to take an examination after failing it six times shall wait six months and then may petition the board to allow the applicant to take the examination an additional time. The applicant may be required to appear personally before the board when the board is considering the petition.