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**IDAPA 07
TITLE 01
CHAPTER 04**

07.01.04 - RULES GOVERNING ELECTRICAL SPECIALTY LICENSING

000. LEGAL AUTHORITY.

The Idaho Electrical Board is authorized under Section 54-1006(5), Idaho Code, to adopt rules concerning the issuance of electrician licenses referred to in Section 54-1001, Idaho Code. (2-26-93)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.01.04, "Rules Governing Electrical Specialty Licensing," Division of Building Safety. These rules set out the special types of electrical installations for which a specialty license is required; the minimum experience requirements for such license; and describe the procedure for securing such license. (7-1-97)

002. WRITTEN INTERPRETATIONS.

This agency has written interpretations of this chapter in the form of legal memoranda. (2-26-93)

003. ADMINISTRATIVE APPEALS.

IDAPA 04.11.01, "Idaho Rules of Administrative Procedure of the Attorney General," govern license revocation/suspension proceedings. (2-26-93)

004. -- 010. (RESERVED)

011. QUALIFIED JOURNEYMAN ELECTRICIANS.

Qualified journeyman electricians, as defined in Section 54-1003A(2), Idaho Code, shall be permitted to make all installations as subsequently described herein without securing an additional license for said installation. (4-9-79)

012. MINIMUM EXPERIENCE REQUIREMENTS.

Experience gained by an individual while engaged in the practice of one (1) or more of the specialties named below shall not be considered towards the satisfaction of the minimum experience requirements for licensing as a journeyman electrician. (11-28-77)

013. SPECIALTY EXPERIENCE REQUIREMENT.

01. Specialty Journeyman Electrician. An applicant for a specialty journeyman electrician license must have at least two (2) years experience, or more as specified for the individual specialty, with the type of installation for which the license is being applied for, in compliance with the requirements of the state in which the experience was received, or as a specialty electrical trainee making electrical installations in accordance with the requirements as stated herein. (4-7-11)

02. Specialty Electrical Trainee. A specialty electrical trainee shall be required to work not less than two (2) years, defined as a minimum of four thousand (4,000) hours of work experience, under the constant on-the-job supervision of a specialty journeyman electrician of the same specialty category to qualify for testing as a specialty journeyman electrician. A person wishing to become a specialty electrical trainee shall register with the Division of Building Safety for a period of three (3) years and pay the applicable fee prior to going to work. Said person shall carry a current registration certificate on his person at all times and shall present it upon request to personnel of the Division of Building Safety for examination. A specialty electrical trainee registration shall only be renewed by the Division upon receipt of sufficient evidence demonstrating that the trainee has worked at least one (1) year defined as a minimum of two thousand (2,000) hours of work experience under the constant on-the-job supervision of a specialty journeyman electrician; provided however, that in no case shall a specialty electrical trainee registration be renewed more than one (1) time by the Division without a recommendation from the Idaho Electrical Board to do so. A specialty electrical trainee may only petition the Electrical Board for registration renewals subsequent to the first renewal. If application to the Division or petition to the Board is made pursuant to this subsection, the Division and the Board, as applicable, shall consider whether extenuating circumstances exist which prevent the completion of the instruction or work experience requirements for renewal. Time shall not be credited while the trainee is inactive or not registered. (3-29-12)

014. ELECTRICAL SPECIALTIES REQUIRING A SPECIAL LICENSE.

The following shall be considered as electrical specialties, the practice of which shall require a special license:

(4-9-79)

01. Elevator, Dumbwaiter, Escalator, or Moving-Walk Electrical. Any person qualifying for and having in his possession a current elevator electrical license may install, maintain, repair, and replace equipment, controls, and wiring beyond the disconnect switch in the machine room of the elevator and pertaining directly to the operation and control thereof when located in the elevator shaft and machine room. He shall be employed by a licensed elevator electrical contractor and his installation shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising journeyman except for work within his specialty.

(4-9-79)

02. Sign Electrical. Any person qualifying for and having in his possession a current sign electrical license may install, maintain, repair, and replace equipment, controls, and wiring on the secondary side of sign disconnecting means; providing the disconnecting means is located on the sign or within sight therefrom. He shall be employed by a licensed sign electrical contractor whose installations shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising journeyman except for work within his specialty.

(3-15-02)

03. Manufacturing or Assembling Equipment.

(4-5-00)

a. A licensed specialty manufacturing or assembling equipment electrician must be employed by a licensed specialty manufacturing or assembling equipment contractor in order to work in this category. The holder of a specialty license in this category may not countersign a contractor's license application as supervising journeyman except for work within this specialty.

(4-5-00)

b. Any person licensed pursuant to Paragraph 014.03.a. of these rules may install, maintain, repair, and replace equipment, controls, and accessory wiring, integral to the specific equipment, on the load side of the equipment disconnecting means. Electrical service and feeder are to be installed by others. The licensee may also install circuitry in modules or fabricated enclosures for the purpose of connecting the necessary components which individually bear a label from a nationally recognized testing laboratory when such equipment is designed and manufactured for a specific job installation. All wiring completed shall meet all requirements of Title 54, Chapter 10, Idaho Code, all rules promulgated pursuant thereto, and the most current edition of the National Electrical Code.

(7-1-94)

c. Subsection 014.03 of these rules does not apply to a manufacturing or assembling equipment electrician installing electrical wiring, equipment, and apparatus in modular buildings as that term is defined in Section 39-4105, Idaho Code. Only journeyman electricians and electrical apprentices, employed by an electrical contractor, may perform such installations.

(3-30-07)

04. Limited Energy Electrical License.

(9-17-85)

a. Limited energy systems are defined as fire and security alarm systems, class 2 and class 3 signaling circuits, key card operators, nurse call systems, motor and electrical apparatus controls and other limited energy applications covered by the NEC.

(7-1-99)

b. Limited energy systems do not include, and no license of any type is required for, the installation of landscape sprinkler controls or communication circuits, wires and apparatus that include telephone systems, telegraph facilities, outside wiring for fire and security alarm systems which are used for communication purposes, and central station systems of a similar nature, PBX systems, audio-visual and sound systems, public address and intercom systems, data communication systems, radio and television systems, antenna systems and other similar systems.

(7-1-99)

c. Unless exempted by Section 54-1016, Idaho Code, any person who installs, maintains, replaces or repairs electrical wiring and equipment for limited energy systems in facilities other than one (1) or two (2) family dwellings shall be required to have a valid limited energy electrical license and must be employed by a licensed limited energy specialty electrical contractor or electrical contractor. The holder of a specialty license may only

countersign a contractor's application as a supervising journeyman for work within his specialty. (7-1-98)

05. Irrigation Sprinkler Electrical. Any person qualifying for and having in his possession, an irrigation system electrical license may install, maintain, repair and replace equipment, controls and wiring beyond the disconnect switch supplying power to the electric irrigation machine. The irrigation machine is considered to include the hardware, motors and controls of the irrigation machine and underground conductors connecting the control centers on the irrigation machine to the load side of the disconnecting device. Disconnect device to be installed by others. All such installations performed by individuals under this subsection shall be done in accordance with the applicable provisions of the National Electrical Code. He shall be employed by a licensed electrical contractor whose license is contingent upon the granting of a specialty electrical license to an employee and whose installations shall be limited to this category. The holder of a specialty license may not countersign a contractor's license application as supervising specialty journeyman except for work in his specialty. (1-1-92)

06. Well Driller and Water Pump Installer Electrical Licenses. All such installations performed by individuals under this subsection shall be done in accordance with the applicable provisions of the approved National Electrical Code. He shall be employed by a licensed well driller and water pump installer electrical contractor whose installations shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising specialty journeyman except for work in his specialty. Any person currently licensed in this category may perform the following types of installations: (1-14-87)

a. Single or three (3) phase water pumps: install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (4-6-05)

b. Domestic water pumps, one hundred twenty/two hundred forty (120/240) volt, single phase, sixty (60) amps or less: Install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to and including the disconnecting device. (7-1-98)

c. Temporarily connect into a power source to test the installations, provided that all test wiring is removed before the installer leaves the site. (1-14-87)

d. Individual residential wastewater pumping units. Install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to and including the disconnecting device for systems that serve one-family, two-family, or three-family residential installations. (4-11-06)

07. Refrigeration, Heating, and Air-Conditioning Electrical Installer. All such installation, maintenance, and repair performed by individuals under this subsection shall be done in accordance with applicable provisions of the National Electrical Code. He shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's license application as a supervising specialty journeyman except for work in his specialty. Any person currently licensed in this category may perform the following types of installations, which installations shall be limited to factory-assembled, packaged units: (9-17-85)

a. Heating Units (single phase): install, repair, and maintain all electrical equipment, wires, and accessories from the unit up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

b. Refrigeration, Air-Conditioning Equipment and Heat Pumps (single phase): install, repair, and maintain all electrical equipment, wires, and accessories from the unit up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

c. Refrigeration, Air-Conditioning and Heating Systems (three (3) phase): install, maintain, and repair all electrical equipment and accessories up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

08. Outside Wireman. All such installation, maintenance, and repair not exempt under the provisions of Section 54-1016, Idaho Code, performed by individuals under this subsection shall be done in accordance with the

applicable provisions of the National Electrical Code. The licensee shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's license application as a supervising specialty journeyman except for work in his specialty. Applicants for this license class shall provide documentation of having completed an electrical lineman apprenticeship program or similar program approved by the U.S. Department of Labor, Office of Apprenticeship. Any person currently licensed in this category may perform the following types of installations: (4-7-11)

- a. Overhead distribution and transmission lines in excess of six hundred (600) volts. (4-7-11)
- b. Underground distribution and transmission lines in excess of six hundred (600) volts. (4-7-11)
- c. Substation and switchyard construction in excess of six hundred (600) volts. (4-7-11)

09. Solar Photovoltaic. All such installation, maintenance, and repair not exempt under the provisions of Section 54-1016, Idaho Code, performed by individuals under this Subsection shall be done in accordance with the applicable provisions of the National Electrical Code. The license holder shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's application as a supervising specialty journeyman except for work in his specialty. Applicants for this license class shall provide proof of photovoltaic installer certification by the North American Board of Certified Energy Practitioners (NABCEP) or equivalent. Any person licensed in this category may perform the following types of installations: (3-29-12)

- a. Solar Photovoltaic DC Systems: Install, maintain, repair, and replace all electrical equipment, wires, and accessories up to and including the inverter. (3-29-12)
- b. Solar Photovoltaic micro-inverter/AC Systems: Install, maintain, repair, and replace all electrical equipment, wires, and accessories up to and including the AC combiner box. (3-29-12)

015. APPLICATIONS FOR SPECIALTY LICENSES.

Applications for any of the above specialty licenses may be obtained from the Division of Building Safety. The forms shall be returned with the application fee, as provided by Section 54-1014, Idaho Code, with proof of the required two (2) years of experience in the field of specialty, and all applications shall be signed and notarized. Upon receiving a passing grade, the applicant may remit the license fee for issuance of the license. (3-29-12)

016. LICENSURE PERIOD AND FEES.

All original specialty licenses and registrations shall be issued by the Division immediately upon receipt of the licensure fee and other necessary documentation from the applicant which date shall be designated as the original license anniversary date and signify the commencement of the licensing period. All specialty license and registration renewals shall be effective in the year renewed as of the original license anniversary date. All license and registration periods shall end at midnight on the last day of the final month of the licensing or registration period. Specialty licenses and registrations not renewed by this date shall have expired. Any expired license revived within the twelve-month period following the expiration date will continue to have the original license anniversary date for the purposes of subsequent renewal. The license fee and renewal fee for each type of specialty license shall be as provided for by Section 54-1014, Idaho Code, for other journeyman licenses. (3-29-10)

017. SPECIALTY CONTRACTOR LICENSE.

01. Qualifications for Specialty Electrical Contractor. Except as herein provided, any person, partnership, company, firm, association, or corporation shall be eligible to apply for a specialty electrical contractor license upon the condition that such applicant will be responsible for supervision of electrical installations made by said company, firm, association, or corporation as provided by Section 54-1010, Idaho Code. The supervising specialty journeyman electrician shall be available during working hours to carry out the duties of supervising specialty journeyman, as set forth herein. In addition, the applicant shall meet or have at least one (1) full-time employee who meets one (1) of the following criteria: (3-30-01)

- a. Holds a valid specialty journeyman electrician license issued by the Division of Building Safety, in the same category as the specialty contractor, and has held a valid specialty journeyman electrician's license for a

period of not less than two (2) years, during which time he was employed as a specialty journeyman electrician for a minimum of four thousand (4,000) hours; (3-29-12)

b. Holds a valid specialty journeyman electrician license issued by the Division of Building Safety, in the same category as the specialty contractor, and has at least four (4) years of experience in the specialty electrical category with a minimum of two (2) years practical experience in planning, laying out, and supervising electrical installations in this specialty category. (3-29-12)

02. Modification to Qualifications. Applicants for specialty contractor licenses, or individuals countersigning such applications, shall be subject to the same requirements, restrictions, and fees applicable to other electrical contractors and countersigning master, as set forth in the current Electrical Laws and Rules with the exception that an electrical contractor requires a master electrician to countersign as a supervising master whereas a supervising specialty journeyman for a specialty electrical contractor must meet the requirements of Subsection 017.01 of these rules. (4-2-08)

018. -- 999. (RESERVED)

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