

# NSCA'S GUIDE TO STATE LICENSING

The commercial systems integrator's complete state-by-state guide to licensing



# OVERVIEW

**NSCA'S GUIDE TO STATE LICENSING** is designed to provide members of the commercial electronic systems industry with a general reference of state laws that govern the installation of commercial integration systems. It provides a snapshot overview and state code for each U.S. state. The research conducted in this publication reflects changes in state and administrative statutes through July 2023. The *Guide to State Licensing* is presented for informational purposes only and is not intended to be legal advice. Other laws, rules, and legal principles may apply to your company. NSCA recommends communicating with your state's appropriate board for the most recent information to ensure compliance with licensing guidelines and requirements.

Questions about this publication should be directed to:

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319.366.6722

**NSCA** is the leading not-for-profit association representing the commercial integration industries. The National Systems Contractors Association is a powerful advocate of all who work in the integration industry, including systems contractors/integrators, product manufacturers, consultants, sales representatives, architects, specifying engineers, and other allied professionals. NSCA is dedicated to serving its contractor members and all channel stakeholders through advocacy, education, member services, and networking designed to improve business performance.

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**Alarm System Requirements:** A statewide license is required for any person, sole proprietorship, company, or corporation that provides sales, installation, maintenance, or monitoring of burglar alarm systems, access control, and/or closed-circuit TV systems. There are exemptions for companies working only in counties having populations of less than 30,000 inhabitants, licensed consulting engineers, licensed general contractors, and licensed electrical contractors.

Each alarm service provider must be licensed, have a resident Qualifying Agent (excluding contract central stations), and must register each employee agent who sells, installs, services, monitors, or has access to subscriber or alarm information. Background checks are required.

**Licenses are specified for:** Qualifying Agent (QA); Central Station Operator (CS); Burglar Alarm System (B); Electronic Access Control System (A); Closed-Circuit Television System (S); Locksmith (L); Salesperson (Sales). A statewide electrical administrator license for installation, maintenance, and repair of fire alarm, intrusion alarm, or other limited energy signaling systems of 48 volts to ground or less are exempt from licensure.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for any job or project where an Electrical Contractor proposes to bid, install, maintain, alter, or repair any electric wiring devices or equipment. This includes the solicitation and installation of electrical power or control systems, and maintaining, altering, or repairing electrical power or control systems, as well as any electrical wiring devices, equipment, or any other electrical apparatus.

**Low-Voltage/Limited-Energy Requirements:** Individuals involved with the installation, construction, or maintenance of systems operating on 25 volts or less are exempt from electrical contractor and licensing requirements.

**Reciprocity:** Electrical Contractor/Electrician: Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia.

**Alabama Contractor License Requirements – General Contractor:** One who undertakes to construct or superintend the construction, alteration, maintenance, repair, rehabilitation, remediation, reclamation, or demolition of any building, highway, sewer, structure, site work, grading, paving, project, or improvement in the State of Alabama where the cost of the undertaking, including labor and materials, is \$50,000 or more.

**General Contractor License Qualifying Party:** All applicants are required to take the Business and Project Management for Contractors Examination and/or any Trade Examination(s) as determined by the Board. *Reciprocity States:* Arkansas, Louisiana, Mississippi, and Tennessee.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Bid, install, maintain, alter, or repair electrical wiring devices or equipment, including solicit, install, maintain, alter, or repair electrical power or control systems, including wiring devices, equipment, or any other electrical apparatus.	2020	\$165	\$150	\$150 (Annual)
Journeyman Electrician	Install electrical wiring, apparatus, or equipment for lighting, heating, or power or control.	2020	\$115	\$35	\$35 (Annual)
Alarm Monitoring Company	Provides alarm monitoring services for alarm systems or other similar electronic security systems whether the systems are maintained on commercial business property, public property, or individual residential property. (Burglar alarm, monitoring, CCTV, electronic access control).	2020		\$400	\$400
Qualifying Agent (QA)	Person in a management position who may supervise the service or installation of electronic equipment.	2020		\$150	\$150
Burglar Alarm Installer	Install and service burglar alarm systems.	2020		\$50	\$50
Monitoring Station Operator	Monitor alarm systems on client's property where alarm signals are received as part of an alarm system and then relayed via operator to law enforcement officials.	2020		\$50	\$50
CCTV Installer	Perform the duties for surveillance systems that are a combination of electronic equipment and devices designed and arranged for the viewing, monitoring, or recording of video signals transmitted from transmitters, such as cameras to receivers as monitors, digital video recorders, and network video recorders through a closed cable or other video signal transmission method.	2020		\$50	\$50
Electronic Access Installer	Performs the duties for systems that are used as a process to grant or deny an individual access to a specific area or object based upon his or her possession of an item, code, or physical characteristic.	2020		\$50	\$50
Locksmith	Repairs, rebuilds, rekeys, services, adjusts, installs locks or mechanical locking devices, installs or services egress control devices, vaults, and safety deposit boxes.	2020		\$50	\$50

**Contact: Alabama Electrical Contractors Board**  
 2777 Zelda Road  
 Montgomery, Alabama 36106  
 334.420.7232 f. 334.263.6115

**Electronic Security Board**  
 7956 Vaughn Road  
 Montgomery, Alabama 36116  
 334.557.0983 f. 334.557.0978

**Office of the Board**  
 445 Dexter Ave, Suite 3060  
 Montgomery, Alabama 36104  
 334.557.0978 f. 334.272.5030

**Contractor Board Website:** <https://genconbd.alabama.gov/Law.aspx>



**Alarm System Requirements:** A statewide Security Systems Contractor license is required for the installation of security alarm systems. For the installation of fire alarms, a statewide Signaling Device Contractor license is required.

**Electrical Contractor/Electrician Requirements:** A statewide Electrical Administrator license is required for anyone installing or repairing electrical wiring, conduits, devices, fixtures, equipment, or other electrical materials for transmitting, using, or consuming electrical energy, or certifying that an installation or repair complies with applicable electrical codes. Categories include: Controls and Control Wiring (CNTL), Inside Communication (IC), Residential Wiring (RW), Outside Communications (OC), Unlimited Commercial Wiring (UCW), Unlimited Line Work (UL).

**Low-Voltage/Limited-Energy Requirements:** Installation, maintenance, and repair of fire alarm, intrusion alarm, or other limited-energy signaling systems of 48 volts to ground or less are exempt from licensure.

**Reciprocity:** *Journeyman Electrician:* Arkansas, Colorado, Iowa, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Administrator	Specialties include: Unlimited Commercial Wiring, Inside Communications, Residential Wiring, Outside Communications, Controls and Control Wiring, Unlimited Line Work.	2020	\$150	\$320	\$170
Journeyman Electrician	Install electrical wiring, apparatus, or equipment: lighting, heating, or power or control. Work under a master or state-certified electrical contractor.	2020	\$50	\$250	\$200
Communications Contractor	Installation of telephone wiring and equipment; radio communications devices and equipment; audiovisual equipment; or navigation equipment.	2020		\$250	\$250
Controls and Control Wiring (CNTL)	Electrical administrator license allowing for the installation of limited-energy controls and control wiring of 48 volts or less (heating, plumbing, process piping, cooling, ventilating, humidifying, and refrigerating equipment).	220	\$150	\$250	\$200
Inside Communication (IC)	Electrical administrator license that allows the installation, operation, maintenance, and repair of telephone and intercommunication facilities (beginning at the first point of distribution or first terminal inside of building or property line).	2020	\$150	\$250	\$200
Residential Wiring (RW)	Electrical administrator license allows inside wiring, communications, and control wiring work for units not exceeding three stories in height and no larger than a four-plex.	2020	\$150	\$250	\$200
Outside Communications (OC)	Electrical administrator license allows for installation, operation, maintenance, and repair of telephone, telegraph, cable television, and intercommunication facilities (up to the first point of distribution of first terminal inside of building or property line).	2020	\$150	\$250	\$200
Unlimited Commercial Wiring (UCW)	Electrical administrator license allows installation, construction operation, maintenance, and repair of all electrical work subject to the NEC within buildings and within property lines and work from the first point of attachment of aerial or underground conductors to provide power for buildings.	2020	\$150	\$250	\$200
Unlimited Line Work (UL)	Electrical administrator license may supervise all outside linework, including assembling, installation, erection, operation, maintenance, or repair of all electrical apparatus, devices, wires, cables, supports, insulators, conductors, ducts, and raceways when part of distribution systems outside of buildings, all outdoor street lighting among others.	2020	\$150	\$250	\$200
Signaling Device Contractor	Low-voltage/limited-energy contractor license allows installation of (1) fire sensing and signaling devices (2) intrusion or proximity detection and signaling devices (3) automatic fire protection systems, except sprinkler systems.	2020		\$250	\$250
Security Systems Contractor	Allows security systems that are a permanent part of a structure including (1) vaults and related hardware (2) mechanical and electronic locking devices, and related hardware and controls.	2020		\$250	\$250

**Contact: Alaska Division of Corporations, Business, and Professional Licensing**

333 Willoughby Avenue, 9th Floor  
State Office Building  
Juneau, AK 99801  
907.465.2550 f. 907.465.2974

**Alarm System Requirements:** A statewide license is required for mechanical or electrical devices designed to emit an audible alarm or transmit a signal or message if activated and used to detect an unauthorized entry into a building or other facility or alert persons of an occurrence or medical emergency (silent, panic, holdup, robbery, duress, burglary, medical, or proprietor alarm requiring emergency personnel). Fire protection systems require a license for the installation and repair of fire prevention and protection systems, including all limited-energy signaling systems. Alarm Businesses must submit a Controlling Person Application along with the business application.

**Electrical Contractor/Electrician Requirements:** A statewide license may be issued to firms or individuals classified as C-11 or R-11. Contractors must furnish a bond.

**Low-Voltage/Limited-Energy Requirements:** Statewide licenses are required for the installation, service, repair, and maintenance of limited-energy alarm, intercom, telephone, call, clock, and television systems, including towers and antennas, public address, intercommunication systems, telephone switchboards, call systems, and master and program clocks.

**Reciprocity:** None. R4-9-106(E): "... the Registrar may decide a trade exam is not required where the qualifying party has been the qualifying party within the preceding five years for a license in good standing in the same classification in this state, or a classification the Registrar deems comparable in another state."

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Acoustical Systems (CR-1)	Commercial only (C-1); Residential only (R-1)	Local	\$116	\$850	\$650
Low-Voltage Communications Systems (CR-67)	Commercial only (C-67); Residential only (R-67)	Local	\$116	\$850	\$650
Fire Protection Systems (CR-16)	Commercial only (C-16); Residential only (R-16)	Local	\$116	\$850	\$650
Signs	Commercial only (C-38)	Local	\$60	\$580	\$480
Electrical (CR-11)	Commercial only (C-11); Residential only (R-11)	Local	\$116	\$850	\$650

**Contact: Arizona Registrar of Contractors**  
 1700 W. Washington St, Suite 105  
 Phoenix, AZ 85007-2812  
 602.542.1525 f. 602.542.1525

**Arizona State Board of Technical Registration**  
 1110 W. Washington St, Suite 240  
 Phoenix, AZ 85007  
 602.364.4930 f. 602.364.4931

**Alarm System Requirements:** A statewide license is required for the installation, service, selling, monitoring, and responding to electrical, electronic, or mechanical alarm signal devices, burglar alarms, television cameras, or still cameras used to manually or automatically signal or detect burglary, fire, breaking/entering, shoplifting, pilferage, theft, hold-up, or other illegal or unauthorized activity. Licenses are required for Alarm System Agents, Alarm System Apprentices, and Alarm System Technicians. Alarm Systems Technician means an individual employed by an alarm systems company who installs, services, or repairs onsite an electrical, electronic, or mechanical alarm signal device, burglar alarm, television camera, or still camera used to manually or automatically signal or detect burglary, fire, breaking/entering, shoplifting, pilferage, theft, holdup, or other illegal or unauthorized activity.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for electrical work defined as 1) the installation of electrical conductors and equipment within or on public and private buildings or other structures, 2) the installation of conductors that connect the supply of electricity, and 3) installations of other outside conductors on premises.

**Low-Voltage/Limited-Energy Requirements:** Electrical Contractor Licenses are not required for construction, installation, maintenance, repair, or renovation of telephone equipment, computer systems, or satellite systems by a person, firm, or corporation engaged in the telecommunications or information systems industry. Also exempt is limited-energy work exclusive for communication of data, voice, or other signaling purposes, including fire alarm systems, security systems, and environmental control systems that are not an integral part of a telecommunications system.

**Contractor License Requirements – Commercial License:** A commercial license is needed if a contractor performs work of \$50,000 or more, including, but not limited to, labor and materials on a commercial project. Any project that is not a single-family residence is a commercial project.

**Contractor License Qualifying Party:** All applicants are required to take the Business and Project Management for Contractors Examination and/or any Trade Examination(s) as determined by the Board.

**Reciprocity:** The state of Arkansas has entered into reciprocal agreements with the states of Alabama, Louisiana, Mississippi, and Tennessee in order to allow qualified contractors the ability to move from state to state in the least restrictive manner.

**Journeyman Reciprocal Agreements:** Alaska, Colorado, Idaho, Iowa, Maine, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Wisconsin, and Wyoming.

**Master Electrician Agreements:** Oregon.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Plan, layout, and supervise the installation, maintenance, and extension of electrical conductors and equipment.	2020	\$80	\$50	\$50
Journeyman Electrician	Install, maintain, and extend electrical conductors and equipment.	2020	\$80	\$25	\$25
Industrial Maintenance Electrician	Repair, maintain, alter, and extend electrical conductors and equipment for electrical power and control systems on or within industrial, manufacturing, or similar facilities.	2020	\$56	\$25	\$25
Residential Master Electrician	Planning and supervising the installation, maintenance, and extension of electrical facilities for one- and two-family dwellings.	2020	\$80	\$50	\$50
Residential Journeyman Electrician	Installation, alteration, repair, maintenance, and extension of electrical facilities for one- and two-family dwellings.	2020	\$80	\$25	\$25
Electrical Contractor	Must employ at least 1 Master Electrician. Control Systems and Instrumentation (Mechanical and Electrical Contracting). Cable Television Lines; Communication, Computer, or Sound Systems. Cabling; Communication Lines and Ducts (Electrical Contracting). Electrical Signs (Electrical Contracting). Signal or Burglar Alarm, Fire Detection and Monitoring Systems (Electrical Contracting).	2020		\$100	\$50
Alarm Systems Company	Install Alarm Systems. Class E (Levels 1,2,4, M, S)	2020		\$600	\$150
Alarm Systems Technician	Install, service, or repair onsite electrical, electronic, or mechanical alarm signal devices, burglar alarms, etc.	2020		\$76.25	\$76.25

**Contact: Contractors Licensing Board**  
 4100 Richards Road  
 N. Little Rock, AR 72117  
 501.372.4661 f. 501.372.2247

**Arkansas Department of Public Safety**  
 Arkansas State Police  
 One State Police Plaza Dr.  
 Little Rock, AR 72209  
 501.618.8000

**Arkansas Board of Electrical Examiners**  
 10421 West Markham  
 Little Rock, AR 72205  
 501.682.4548 f. 501.682.4535

**Alarm System Requirements:** A statewide license is required for Alarm System Operators, Managers, and Agents. In order for a company to seek licensure as an alarm company operator, the Qualified Manager must have passed the licensing examination.

In addition, each individual applicant, partner, or corporate office must meet the following requirements:

- Be 18 years of age or older.
- Undergo a criminal history background check through the California Department of Justice and Federal Bureau of Investigation.
- Have committed no offense or violation of the Alarm Company Act that would be grounds for license suspension or revocation

**Electrical Contractor/Electrician Requirements:** A statewide license is required for an Electrical Contractor who places, installs, erects, or connects any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells, or any part thereof, which generate, transmit, transform, or utilize electrical energy in any form, or for any purpose. Must obtain a business license before being eligible for a contractor's license.

**Low-Voltage/Limited-Energy Requirements:** A statewide Low-Voltage Systems Contractor (C-7) license is required. This allows for the contractor to install, service, and maintain communication and Low-Voltage/Limited-Energy systems that do not exceed 91 volts. These systems include, but are not limited to, telephone systems, sound systems, cable television systems, CCTV systems, satellite dish antennas, instrumentation and temperature controls, and limited-energy landscape lighting. Fire alarm systems are not included.

**Reciprocity:** Contractor reciprocity agreements exist with Arizona, Louisiana, and Nevada. California offers reciprocity in specified classifications where the scopes of practice and licensing requirements are either identical or fundamentally undisguisable.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Low-Voltage Systems (C-7)	Installs, services, and maintains all types of communication and low-voltage/limited-energy systems that are energy limited and do not exceed 91 volts	2020	\$450	\$200	\$450
Electrical Contractor (C-10)	Places, installs, erects, or connects any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells, or any part thereof, which generate, transmit, transform, or utilize electrical energy in any form, or for any purpose.	2020	\$450	\$220	\$470
Fire Protection Contractor (C-16)	Lays out, fabricates, and installs all types of fire protection systems, including all of the equipment associated with these systems, excluding electrical alarm systems.	2020	\$450	\$200	\$450
Alarm Company Operator	Person who engages in business or accepts employment to install, maintain, alter, sell on premises, monitor, or service alarm systems and those ancillary devices connected and controlled by the alarm system, including supplementary smoke detectors, or who respond to alarm systems except for any alarm agent.	2020		\$600	\$750
Alarm Company Manager	Individual who is in active control, management, and direction of the licensee's business.	2020		\$350	\$225
Alarm Agent	Employed by an alarm company operator who sells on premises, alerts, installs, maintains, moves, repairs, replaces, services, responds to, or monitors an alarm system and those ancillary devices connective to and controlled by the alarm system, including supplementary smoke detectors.	2020		\$55	\$40
Lock and Security Equipment Contractor (C-28)	Evaluates, sets up, installs, maintains, and repairs all doors and door assemblies, gates, locks, and locking devices, panic and fire-related exit devices, manual and automatic operated gate and door closures and releases, jail and prison locking devices, and permanently installed or built-in safes and vaults. This classification includes but is not limited to master key systems, metal window guards, security doors, card-activated and electronic access control systems for control equipment, motion, and other types of detectors and computer systems for control and audit of control systems and other associated equipment. Fire alarms are not included.	2020		\$250	\$500

**Contact: California State Licensing Board**

9821 Business Park Drive  
Sacramento, CA 95827  
916.255.3900

**Bureau of Security and Investigative Services**

2420 Del Paso Road, Suite 270  
Sacramento, CA 95834  
916.322.4000



**Alarm System Requirements:** No statewide license is required. Local licenses do exist, and you should confirm with local jurisdictions prior to conducting alarm and fire systems services.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Electrical Contractors and Electricians, which includes any person, firm, co-partnership, corporation, association, or combination thereof who undertakes or offers to undertake for another the planning, laying out, supervising, and installing or the making of additions, alterations, and repairs in the installation of wiring apparatus and equipment for electric light, heat, and power. “Electric light, heat, and power” means the standard types of electricity that are supplied by an electric utility, regardless of whether the source is an electric utility or the inverter output circuit of a photovoltaic system or a similar circuit from another type of renewable energy system and used and consumed in a real estate improvement or real estate fixture. A license is not required for “maintenance or repair of existing facilities,” which means to preserve or keep in good repair lawfully installed facilities by repairing or replacing components with new components that serve the same purpose.

**Low-Voltage/Limited-Energy Requirements:** No statewide license is required for the installation, maintenance, repair, or alteration of security systems of 50 volts or less, environmental controls, remote radio-controlled systems, electronic computer data processing equipment and systems, communications systems, wiring for sound recording and reproduction systems, centralized distribution of sound systems, public address and speech-input systems, and fire alarm systems operating at 50 volts or less beyond the terminals of the controllers. Some local licenses/permits do exist.

**Reciprocity:** *Journeyman Electrician:* Alaska, Arkansas, Idaho, Iowa, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, South Dakota, Utah, and Wyoming. Licensees from another state may be eligible for licensure by endorsement provided that the applicant possesses credentials and qualifications that are substantially equivalent to requirements in Colorado for original licensure by examination.

**Journeyman Reciprocal Agreements:** Alaska, Arkansas, Idaho, Iowa, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, South Dakota, Utah, and Wyoming. Licensees from another state may be eligible for licensure by endorsement provided that the applicant possesses credentials and qualifications that are substantially equivalent to requirements in Colorado for original licensure by examination.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Residential Wireman	Wire for, and install, electrical apparatus and equipment for wiring one-, two-, three-, and four-family dwellings.	2023	\$78	\$130	\$130
Journeyman Electrician	Wire for, install, and repair electrical apparatus and equipment for electric light, heat, and power, and for other purposes in accordance with standard rules governing the work.	2023	\$78	\$155	\$155
Master Electrician	Plan, lay out, and supervise the installation and repair of wiring apparatus and equipment for electric light, heat, power, and for other purposes, in accordance with standard rules governing the work.	2023	\$78	\$180	\$180

**Contact:** **Colorado State Electrical Board**  
 1560 Broadway, Suite 1350  
 Denver, CO 80202  
 303.894.7800 f. 303.894.2310

**Email:** [DORA\\_ElectricalBoard@State.co.us](mailto:DORA_ElectricalBoard@State.co.us)

# CONNECTICUT

**Alarm System Requirements:** A statewide license is required for any person who installs, services, and repairs residential security systems limited to 25 volts and five amperes in one- to three-family residential dwellings, provided the person is in the employ of an electrical contractor holding an E-1 unlimited contractor license or an L-5 contractor license issued pursuant to subdivision (1) of subsection (a) of this section and the person has successfully completed an apprenticeship and training program established and approved by the Labor Department with the advice of the Connecticut State Apprenticeship Council. Any person authorized to work under this subsection shall not perform telecommunications electrical work, as defined in section 20-340b, except for work involving interface wiring from a residential security system to an existing telephone connection for monitoring purposes.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “electrical work,” which means the installation, erection, maintenance, alteration or repair of any wire, cable, conduit, busway, raceway, support, insulator, conductor, appliance, apparatus, fixture, or equipment that generates, transforms, transmits, or uses electrical energy for light, heat, power, or other purposes, but does not include limited energy wiring, not exceeding 24 volts, used within a lawn sprinkler system.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for low-voltage/limited energy, alarm or signal work, audio, and sound systems, and telephone-interconnect. The voltage of any system is not to exceed forty-eight (48) volts or eight (8) amperes where such work commences at an outlet receptacle or connection previously installed by a person holding the proper electrical license. The requirements to qualify for this license examination shall be two (2) years as a properly licensed journeyman or at least six (6) years of equivalent experience and training.

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Limited Electrical Contractor (L-5)	Low-voltage/limited-energy, alarm or signal work, and audio and sound systems not to exceed 25 volts or 5 amps.	2020	\$150	\$150	\$150
Limited Electrical Journeyman (L-6)	Same work as the L-5 licensee, but only while in the employ of a contractor licensed for such work.	2020	\$90	\$120	\$120
Limited Electrical Contractor (C-5)	Low-voltage/limited energy, alarm or signal work, audio and sound systems, and telephone-interconnect not to exceed 48 volts of 8 amps.	2020	\$150	\$150	\$150
Limited Electrical Journeyman (C-6)	Same as C-5 licensee, but only while in the employ of a licensed electrical contractor licensed for such work.	2020	\$90	\$120	\$120
Limited Electrical Contractor (T-1)	Perform only work limited to telephone-interconnect systems where such work commences at an outlet receptacle or connection previously installed by a person holding the proper electrical license.	2020	\$150	\$150	\$150
Limited Electrical Journeyman (T-2)	Same as T-1 licensee, but only while in the employ of a licensed electrical contractor licensed for such work.	2020	\$90	\$120	\$120
(Unlimited) Electrical Contractor (E-1)	Install, erect, maintain, alter, or repair any wire, cable, conduit, busway, raceway, support, insulator, conductor, appliance, apparatus, fixture, or equipment that generate, transforms, transmits, or uses electrical energy for light, heat, power, or other purposes.	2020	\$150	\$150	\$150
Fire Protection (F-1)	Layout, on-site fabrication, installation, alteration, maintenance, inspection, testing, or repair of any automatic or manual sprinkler system.	2020	\$150	\$150	\$150
Automatic Fire Sprinkler System Layout Technician	Designs automatic fire sprinkler system layouts.	2020	\$75	\$150	\$150

**Contact:** Department of Consumer Protection, Occupational and Professional Licensing Division  
 165 Capitol Avenue  
 Hartford, CT 06106  
 860.713.6000 f. 860.706.1200

**Alarm System Requirements:** A statewide license is required for “Security Business,” which means a partnership, corporation, or other business entity that engages in the sales, installation, service, maintenance, repair, replacement, or provision of monitoring services at a customer’s home or customer’s business. Does not include retail location, online, or by telephone.

“Security alarm system” means an assembly of equipment and devices arranged to signal the presence of a hazard requiring urgent attention and to which police are expected to respond. This term does not include an alarm installed in a vehicle or on someone’s person.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “electrical services” or “electrical work,” which means to perform, maintain, troubleshoot, or supervise any electrical work covered by the National Electrical Code (NEC) as adopted by the Delaware State Fire Prevention Commission, which may include, but is not limited to, the installation, erection, or repair of any electrical conductor, molding, duct, raceway, conduit, machinery, apparatus, device, or fixture for the purpose of lighting, heating, or power in or on any structure or for elevators, swimming pools, hot tubs, electric signs, air conditioning, heating, refrigeration, oil burners, solar electrical work, generators, windmills, and overhead and underground primary distribution systems.

**Low-Voltage/Limited-Energy Requirements:** No license is required for a communication and limited-energy contractor that installs, services, and maintains all types of communication and low-voltage systems that are energy limited. These systems include, but are not limited to, telephone systems, sound systems, cable television systems, closed-circuit video systems, satellite dish antennas, instrumentation and temperature controls, limited-energy landscape lighting, directional boring, networking systems, communication systems, and security and burglar systems. Low-voltage/limited-energy fire alarm systems are specifically not included in this section.

**Reciprocity:** For Michigan and Wyoming, you do not need to submit proof of experience. For Arkansas, Colorado, District of Columbia, Florida, Georgia, Maine, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Jersey, North Carolina, Ohio, Texas, Vermont, Virginia, and West Virginia, you must submit proof of experience for a minimum of five years after licensure. Other state licenses will be evaluated by the board.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Plan, estimate, layout, perform or supervise the installation, erection or repair of any electrical conductor, molding, duct, raceway, conduit, machinery, apparatus, device, or fixture for the purpose of lighting, heating, or power in any structure.	2020		\$197	TBA
Master Electrician Special	Plan, estimate, layout, perform, or supervise the installation, erection or repair of any electrical conductor, molding, duct, raceway, conduit, machinery, apparatus, device, or fixture for any 1 of the following purposes: elevators, swimming pools. Electric signs, air condition, heating, refrigeration, and oil burners, and overhead and underground primary distribution systems.	2020		\$200	TBA
Limited Electrician	Plan, estimate, layout, perform, or supervise the installation, erection or repair of any electrical conductor, molding, duct, raceway, conduit, machinery, apparatus, device, or fixture, for the purpose of lighting, heating, or power, in any structure which contains 4 or fewer dwelling units, as determined by the applicable building code.	2020		\$124	TBA
Limited Electrician Special	Plan, estimate, layout, perform, or supervise the installation, erection, or repair of any electrical conductor, molding, duct, raceway, conduit, machinery, apparatus, device, or fixture, for any of the following purposes: elevators, swimming pools, air condition, heating and oil burners, in any structure which contains 4 or fewer dwelling units, as determined by the applicable building code.	2020		\$119	TBA
Security Systems and Protective Services Agency	(Above)	2020		\$25	\$10

**Contact: Board of Electrical Examiners**  
 Cannon Building, Suite 203  
 861 Silver Lake Boulevard  
 Dover, DE 19904  
 302.744.4500 f. 302.739.2711

**Delaware State Police**  
 1441 North DuPont Highway  
 Dover, DE 19903  
 302.739.5901

# DISTRICT OF COLUMBIA

**Alarm System Requirements:** A district-wide license is required for the sale, lease, rental, installation, service, repair, maintenance, and use of security or fire alarm systems and components thereof, and to license security or fire alarm dealers and agents within the boundaries of the District of Columbia. Any device or system that transmits a signal visibly, audibly, electronically, mechanically, or by combination of these methods to indicate an actual or threatened fire, an actual or attempted burglary, a holdup, an assault, or an unlawful entry at a premises, requiring an immediate response to the scene by the Metropolitan Police Department or the District of Columbia Fire Department. The term “alarm system” shall include a service activated automatically, such as a burglary or fire alarm, and a device activated manually, such as a holdup alarm, but shall not include telephonic lines maintained and operated by public utilities under the regulation of the Public Service Commission over which the signal might be transmitted.

**Electrical Contractor/Electrician Requirements:** A district-wide license is required for a person engaged in the business of installing, repairing, or maintaining electric wiring, fixtures, signs, apparatus, and appliances designed for using or conducting electric current and coming within the scope of the Electrical Code of the District of Columbia. “Electrician” means any person who designs, installs, maintains, alters, converts, changes, repairs, removes, or inspects electrical wiring, equipment, conductors, or systems in buildings or structures or on public and private space for the transmission, distribution, or use of electrical energy for power, heat, light, radio, television, signaling, communications, or any other purpose, except elevators, platform lifts, stairway chair lifts, manlifts, conveyors, escalators, dumbwaiters, material lifts, automated people movers, and other related conveyances.

**Low-Voltage/Limited-Energy Requirements:** The option to choose a low-voltage/limited-energy specialty is included with the master electrician specialty.

**Reciprocity:** *Master Electrician:* Maryland and Virginia. *Journeyman Electrician:* Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician (EM)	Lay out, direct, and supervise the work of other electricians.	2014	\$52	\$120	\$155
Master Electrician Specialist (EMS)	Same as above but in a limited field of work for which a license is issued (i.e., low-voltage specialty).	2014	\$52	\$120	\$155
Electrical Contractor (ECC)	Install, repair, or maintain electric wiring, fixtures, signs, apparatus, and appliances designed for using or conducting electric current.	2014	\$52	\$120	\$180
Electrical Contractor Specialist (ECS)	Same as above but in a limited field of work for which a license is issued.	2014	\$52	\$120	\$180
Journeyman Electrician (EJ)	Install, repair, and maintain electrical systems, conductors, and associated materials and equipment in commercial, industrial, and residential buildings.	2014	\$52	\$110	\$110
Security Alarm Dealer	Sell, lease, rent out, install, inspect, maintain, service, or repair alarm systems or components thereof, or receiving alarm signals from a subscriber and relaying information concerning such signals to Metro Police or D.C. Fire Department for response to the scene.	2014	\$52	\$133.10	

**Contact:** Board of Industrial Trades  
1100 4th Street SW  
Washington, DC 20024

**Email:** [Opla.industrialtrades@dc.gov](mailto:Opla.industrialtrades@dc.gov)

**Alarm System Requirements:** A statewide license is required for “alarm systems”: electrical, signaling, or a combination electrical device used to signal or detect a burglary, fire, robbery, or medical emergency. Licensure is required to lay out, fabricate, install, maintain, alter, repair, monitor, inspect, replace, or service alarm systems for compensation including alarm systems. These systems may not exceed 98 volts.

**Florida – 489.5185 Fire Alarm System Agents (FASA)/Burglar Alarm System Agents (BASA):** A certified unlimited electrical contractor or licensed fire/burglar alarm contractor may not employ a person to perform the duties of a fire alarm system agent or burglar alarm system agent unless the person has successfully completed a minimum of 14 hours of initial training, to include basic fire alarm system technology in addition to related training in National Fire Protection Association (NFPA) codes and standards and access control training, with at least 2 hours of training in the prevention of false alarm and background check.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for individuals, firms, or corporations conducting business in the electrical trade field with experience, knowledge, and skill to install, repair, alter, add to, or design, in compliance with law, electrical wiring, fixtures, appliances, apparatus, raceways, conduit, or any part thereof, which generates, transmits, transforms, or utilizes electrical energy in any form.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for “limited energy systems”: include the installation, repair, fabrication, erection, alteration, addition to, or design of electrical wiring, fixtures, appliances, thermostats, apparatus, raceways, conduit, and fiber optics (transmission of light over stranded glass) or any part thereof not to exceed 98 volts. This exemption is for the purpose of transmitting data, voice communications, or commands as part of a cable television, community antenna television, radio distribution, communications, or telecommunications systems. The exemption is limited to electrical circuits and equipment governed by the National Electrical Code (Articles 725, 770, 800, 810, 820).

**Reciprocity:** No agreements exist with any other states currently; however, several examinations are recognized by the state. Please confirm with the Board.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Alarm Contractor I (EF)	All types of alarm systems for all purposes.	2020	\$123.75	\$263.25	\$296
Alarm Contractor II (EG)	All types of alarm systems other than fire, for all purposes.	2020	\$123.75	\$263.25	\$296
Electrical Contractor	Install repair, alter, add to, or design electrical wiring fixtures, appliances, apparatus, raceways, and conduits, including the electrical installation and systems within plants and substations and ALL alarm systems and specialty categories	2020	\$123.75	\$263.25	\$296
Specialty Contractor (ES)	Scope of practice is limited to a specific segment of electrical or alarm system contracting. (i.e. limited energy).	2020	\$123.75	\$263.25	\$296

**Contact:** Department of Business and Professional Regulation  
 2602 Blair Stone Road  
 Tallahassee, FL 32399  
 866.532.1440

**Website:** <http://www.myfloridalicense.com/DBPR/electrical-contractors/>

**Alarm System Requirements:** A statewide license is required for any device or combination of devices used to detect a situation, causing an alarm in the event of a burglary, fire, robbery, medical emergency, or equipment failure, or on the occurrence of any other predetermined event.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for the installation, maintenance, alteration, or repair of any electrical equipment, apparatus, control system, or electrical wiring device that is attached to or incorporated into any building or structure in this state but shall not include limited energy contracting. An electrical contractor engages in the business of electrical contracting under express or implied contract or who bids for, offers to perform, purports to have the capacity to perform, or does perform electrical contracting services under express or implied contract. The term “electrical contractor” shall not include a person who is an employee of an electrical contractor and who receives only a salary or hourly wage for performing electrical contracting work.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for the installation, alteration, service, or repair of a telecommunication system, alarm system, or general system involving low-voltage/limited-energy wiring. A low-voltage contractor is engaged in low-voltage/limited-energy contracting under express or implied contract or who bids for, offers to perform, purports to have the capacity to perform, or does perform low-voltage contracting services under express or implied contract. The Unrestricted Low Voltage License (LVU) covers all low-voltage/limited-energy work, including work that falls under the General, Alarm, and Telecommunications Licenses. An employee of a low-voltage/limited-energy contractor who receives only a salary or hourly wage for performing low-voltage contracting work shall not be required to be licensed under this chapter, except that those employees upon whom the qualification of a partnership, limited liability company, or corporation rests as outlined in subsection (b) of Code Section 43-14-8.1 shall be licensed.

- Wiring systems of 50 volts or less and control circuits directly associated therewith.
- Wiring systems having a voltage in excess of 50 volts, provided such systems consist solely of power limited circuits meeting the definition of a Class 2 and Class 3 wiring system as defined in Article 725 of the National Electrical Code; or
- Line voltage wiring having a voltage not more than 300 volts to ground and installed from the load-side terminals of a suitable disconnecting means that has been installed for the specific purpose of supplying the low-voltage wiring system involved or installed from a suitable junction box that has been installed for such specific purpose.

**Reciprocity:** The Georgia Board has reciprocal agreements to accept the results of some examinations conducted by North Carolina state boards.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
General Low-Voltage Systems (LV-G)	Any electrical systems other than alarm or telecommunication systems involving low-voltage/limited-energy wiring.	2020	\$30	\$150	\$75
Low-Voltage Alarm System (LV-A)	Any device(s) used to detect a situation causing an alarm. (Above)	2020	\$30	\$150	\$75
Low-Voltage Telecommunication System (LV-T)	A switching system and associated apparatus which performs the basic function of two-way voice or data service and can be controlled both locally and remotely.	2020	\$30	\$150	\$75
Low-Voltage Contractor Unrestricted (LV-U)	Install, alter, service, or repair of a telecommunication system, alarm system, or general system involving low-voltage/limited-energy wiring.	2020	\$30	\$150	\$75
Electrical Contractor (Class I or II)	Install, maintain, alter, or repair any electrical equipment, apparatus, control system, or electrical wiring device which is attached to or incorporated into any building or structure, but does not include low-voltage/limited-energy contracting.	2020	\$30	\$150	\$75

**Contact:** Georgia State Licensing Board for Residential and General Contractors

237 Coliseum Drive  
 Macon, GA 31217  
 478.207.2440

**Alarm System Requirements:** A statewide Journeyworker specialty license is required for burglar and fire alarm systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for the placement, installation, erection, or connection of any electrical wires, fixtures, appliances, apparatus, electrical signs, conduits, poles, raceways, and to do the trenching, backfilling, patching, and surface restoration in connection with the installation of conduits and lines which transmit, transform, or utilize electrical energy less than 600 volts phase to phase. This classification also includes the work of the C-15 Electronic Systems Contractor and C-60 Solar Power Systems Contractor.

**Low-Voltage/Limited-Energy Requirements:** A statewide Journeyworker license is required for any person who performs electrical work related to the installation of communication and signal wires, and related equipment associated with communications systems, security/video and fire alarms, signal/call systems, master or community radio/television receiving antenna systems, sound public address and other systems operating at 50 volts or less.

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor (C-13, 15a, 15b, 20)	(Above)	2017	\$95	\$306	\$306
Supervising Electrician (ES)	Direct and supervise the performance of electrical work and to perform electrical work.	2017	\$95	\$306	\$306
Journeyworker Electrician	Perform electrical work.	2017	\$95	\$306	\$306
Journeyworker Specialty Electrician (EJS)	Performs electrical work related to installing, repairing, altering, and maintaining but not the attachment of lighting and power circuits to the following: electronic equipment, sound public address systems, and communication systems, other than equipment and systems for a single-family, or two-family dwelling; master or community radio and television receiving antenna systems; sound recording systems, other than systems for a single-family or two-family dwelling; burglar and fire alarm systems; low-voltage/limited-energy remote control, other than a control for a single-family or two-family dwelling; and low-voltage/limited-energy communication signal systems.	2017	\$95	\$306	\$306
Supervising Specialty Electrician (ESS)	Direct and supervise the performance of electrical work related to installing, repairing, altering, and maintaining, but not the attachment of lighting and power circuits, to the following: electronic equipment, sound public address systems, other than equipment and systems for a single-family or two-family dwelling; master or community radio and television receiving antenna system; sound recording systems other than systems for a single-family or a two-family dwelling; burglar and fire alarm systems; low-voltage/limited-energy remote control, other than control for a single-family or two-family dwelling; and low-voltage/limited-energy communication signal systems.	2017	\$95	\$306	\$306

**Contact:** Professional and Vocational Licensing Division  
 PO Box 3469  
 Honolulu, HI 96801  
 478.207.2440

**Alarm System Requirements:** A statewide Limited Electrical Contractor license for limited-energy systems is required for fire and security alarm systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for any person, partnership, company, firm, association, or corporation engaging in, conducting, or carrying on the business of installing wires or equipment to carry electric current or installing apparatus to be operated by such current, or entering into agreements to install such wires, equipment, or apparatus, shall for the purpose of this act be known as an electrical contractor. An electrical contractor, prior to being issued a license, shall be required to provide proof of liability insurance in the amount of \$300,000 and proof of worker’s compensation insurance if applicable.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for limited energy systems 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. 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 that 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.

**Reciprocity:** *Journeyman:* Colorado, Maine, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, and Wyoming. *Master:* Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Installing wires or equipment to carry electric current or installing apparatus to be carried by such current, or entering into agreements to install such wires, equipment, and apparatus.	2017	\$75	\$125	\$100 (Annual)
Limited Electrical Contractor	Install, alter, repair, and supervise the installation, alteration, or repair of special classes of electrical wiring, apparatus, or equipment. Special classes/ license types include, elevator, irrigation sprinkler, limited energy, manufacturing/ assembling, outside wireman, refrigeration, heating and air conditioning, sign, well driller, and pump installer.	2017	\$75	\$125	\$100 (Annual)
Master Electrician	Plan, layout, or design the installation of electrical wiring or equipment, or to supervise such planning, layout, or design	2017	\$75	\$65	\$45
Journeyman Electrician	Any person who personally performs or supervises the actual physical work of installing electric wiring or equipment to convey electric current.	2017	\$75	\$55	\$45

**Contact: Idaho Division of Occupational and Professional Licenses**

11341 West Chinden Boulevard  
 Boise, ID 83714  
 208.334.3950



**Alarm System Requirements:** A statewide license is required for “alarm system,” which means any system, including an electronic access control system, a surveillance video system, a security video system, a burglar alarm system, a fire alarm system, or any other electronic system that activates an audible, visible, remote, or recorded signal that is designed for the protection or detection of intrusion, entry, theft, fire, vandalism, escape, or trespass, or other electronic systems designed for the protection of life by indicating the existence of an emergency situation. “Alarm system” also includes an emergency communication system and a mass notification system. “Private alarm contractor” is any person who engages in a business that sells, installs, monitors, maintains, alters, repairs, replaces, services, or responds to alarm systems, including fire alarm systems. The Office of the State Fire Marshal does not issue licenses for fire alarm contractors.

**Electrical Contractor/Electrician Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Low-Voltage/Limited-Energy Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Reciprocity:** *Alarm Contractor:* If you have ever been licensed as a private alarm contractor in other states, Supporting Document CT must be completed by the jurisdictions of licensure where you have been practicing. You are authorized to photocopy the form if necessary. You must direct the licensing agency/board(s) to return completed Supporting Document CT directly to you.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Alarm Contractor	Sells, installs monitors, maintains, alters, repairs, replaces, services, or responds to alarm systems (including fire alarms).	Local	\$298	\$500	\$450)

**Contact:** **Illinois Department of Financial and Professional Regulation**  
 320 West Washington Street, 3rd Floor  
 Springfield, IL 62786  
 888.473.4858

**Alarm System Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Electrical Contractor/Electrician Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Low-Voltage/Limited-Energy Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Reciprocity:** Not applicable.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Not Applicable	Not Applicable	N/A	N/A	N/A	N/A

**Contact: Indiana State Fire Marshal**  
 Indiana Government Center-South, Room E208  
 302 West Washington Street  
 Indianapolis, IN 46204  
 317.232.2222 f. 317.233.0497

**Alarm System Requirements:** A statewide license is required for the installation, inspection, maintenance, or testing of all fire alarms, nurse call, and security alarm systems that “annunciate” a call. Systems, whether hard wired or wireless that send a signal, text, phone call, or the like to local fire responders, a monitoring service, security station or individual require an alarm system license, as defined in Iowa Codes 100C and Administrative Rules Chapter 277. A company installing and/or testing such systems and their employees must be licensed as alarm systems contractors and technicians.

Licensing is NOT required for a company that provides monitoring services ONLY. Licensing is also NOT required for CCTV and video recording systems or card reader/door access systems ONLY where no notifications are sent. Alarm licensing is not required for licensed electricians ONLY when installing wiring and components of an alarm system as a licensed electrician working for a licensed electrical contractor.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for an Electrical Contractor: a businessperson or firm that employs electricians to help design, install, and maintain electrical systems. An Electrical Contractor license may be issued to a person who is licensed as a Class A or Class B Master Electrician, or who represents a company who employs them, and who must show proof and maintain general and complete operations liability insurance in the amount of at least \$1 million for all work performed that requires electrician licensing, and be registered with the Iowa Division of Labor (Iowa Workforce Development) as a contractor pursuant to Chapter 91C.

**Low-Voltage/Limited-Energy Requirements:** No statewide license is required for 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 2 or Class 3 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.

**Contractor License Requirements:** All contractors who intend to work in Iowa are required to obtain a contractor license. Contractors must list at least one responsible managing employee (RME) and provide a copy of qualification endorsement. Contractors will obtain and maintain current registration (or a written exemption) as a “construction contractor” with the Labor Services Division in compliance with Iowa Code Chapter 91C and Iowa Administrative Code 875-Chapter 150. Visit the Iowa Division of Labor – Contractor Registration for more information. Contractors must provide a copy of the most current certificate of liability insurance on the ACORD form. The ACORD form must show coverage amounts of \$1 million per occurrence, \$1 million property damage, and \$500,000 per person.

**Reciprocity:** *Journeyman Electrician:* Minnesota, Nebraska, and South Dakota. *Master Electrician:* Minnesota and South Dakota. If you have held a current license from one of those states for more than a year and have received the license as a result of passing the state’s exam with a score of 75% or greater AND meet Iowa’s licensure requirements for the Journeyman or Master license, you may request the State of Iowa license. Make sure you include a copy of the originating state’s license.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Affiliated with an electrical contracting firm or business licensed by the board as either Class A or B master electrician.	2020		\$375	\$375
Residential Electrical Contractor	Residential installation.	2020		\$375	\$375
Residential Master Electrician	Plan, lay out, and supervise residential installation.	2020		\$375	\$375
Master Electrician	Plan, lay out, and supervise the installation of electrical wiring, apparatus, and equipment.	2020		\$375	\$375
Journeyman Electrician	Wire or install electrical wiring, apparatus, and equipment and supervise apprentice electricians.	2020		\$75	\$75
Special Electrician	Wiring or installing special classes of electrical wiring, apparatus, equipment, or installations. This includes irrigation system wiring, sign installations, and disconnecting and reconnecting existing AC and refrigeration systems.	2020		\$75	\$75
Alarm System Contractor	Layout, install, repair, alter, add to, maintain, or inspect alarm systems.	2020		\$200	\$200
Alarm System Technician	Layout, install, repair, alter, add to, or maintain alarm systems as an employee of an alarm system contractor.	2020		\$125	\$125

**Contact:** **Iowa Department of Inspections, Appeals, and Licensing**  
 Lucas State Office Building, 3rd Floor  
 321 East 12th Street  
 Des Moines, IA 50319  
 515.281.7102

**Division of Labor**  
 Contractor Registration  
 150 Des Moines Street  
 Des Moines, IA 50309-1836

**Contractor License Website:** <https://www.iowadivisionoflabor.gov/contractor-registration>

# KANSAS

**Alarm System Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Electrical Contractor/Electrician Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Low-Voltage/Limited-Energy Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Reciprocity:** Not applicable.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Not Applicable	Not Applicable	N/A	N/A	N/A	N/A

**Contact:** **Kansas State Fire Marshal**  
 800 Southwest Jackson Street, Suite 104  
 Topeka, KS 66612  
 785.296.3401 f. 785.296.0151

# KENTUCKY

**Alarm System Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required for alarm installers.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for an Electrical Contractor. Master electrician - all Electrical Contractors must employ at least one master electrician. Electrician - all electrical work must be performed by, or under the supervision of, a licensed Electrician or Master Electrician.

**Low-Voltage/Limited-Energy Requirements:** No statewide license is required if you are installing or repairing low-voltage/limited-energy telecommunications systems of 50 volts or less.

**Reciprocity:** *Electrical Contractor/Electrician:* Louisiana, Ohio, Virginia, and West Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor (EL-2)	Designing, planning, superintending, contracting of, or assuming responsibility for the installation, alteration, or repair of any electrical system used for the purpose of furnishing heat, light, or power, and employs electrical workers to engage in this practice.	2017	\$80	\$200	\$200
Master Electrician	Assume responsible charge, supervision, or direction of an electrician engaged in the construction alteration, or repair of any electrical system used for the purpose of furnishing heat, light, or power.	2017	\$80	\$100	\$100
Electrician (EL-3)	Employed by electrical contractor and is engaged in the construction, alteration, or repair of any electrical system used for the purpose of furnishing heat, light, or power.	2017	\$80	\$50	\$50

**Contact:** **Department of Housing, Buildings, and Construction**  
 500 Mero Street, 1st Floor  
 Frankfurt, KY 40601  
 502.573.2002



**Alarm System Requirements:** A statewide license is required for life safety and property protection contracting. This includes CCTV Alarm Specialist, Fire Detection and Alarm System Technician, Locksmith Technician, and Security Technician. Security systems and equipment means life safety and protection systems intended to protect from the risk of theft, unauthorized entry, or physical harm to a structure’s occupants or property.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “Electrical Contractor,” which is any person who undertakes to, attempts to, or submits a price or bid or offers to construct, supervise, superintend, oversee, direct, or in any manner assume charge of the construction, alteration, repair, improvement, movement, demolition, putting up, tearing down, or furnishing labor together with material and equipment, or installing the same for the wiring, fixtures, or appliances for the supply of electricity to any residential, commercial, or other project, when the cost of the undertaking exceeds the sum of \$10,000.

**Low-Voltage/Limited-Energy Requirements:** Life safety and property protection contracting shall not consist of the installation of primary power sources of 100 volts or greater, when such power is being installed to operate limited energy systems.

**Contractor License Requirements:** §309. Construction Management [Formerly §119] [REVISED, 2022 LEGISLATIVE SESSION, REFER TO R.S. 37:2161] A.1. Any person who performs, attempts to perform, or submits a price, bid or offer to perform work in construction management or program management whose scope of authority and responsibility includes supervision, oversight, direction, or in any manner assuming charge of the construction services provided to an owner by a contractor or contractors, in which the value of the construction project is: a. in excess of \$50,000 for a commercial construction project must possess a license from this board in the major classification of building construction, heavy construction, highway, street, and bridge construction or municipal and public works construction.

**Reciprocity: Electrical Contractor/Electrician:** Any applicant holding a license in good standing in a comparable classification in another state recognized by the respective agency as a reciprocity state may have the trade portion of the examination waived upon written certification from that state in which the applicant is licensed. These states include Alabama, Arkansas, California, Florida, Georgia, Kentucky, Mississippi, Ohio, Oklahoma, South Carolina, Tennessee, Texas, and Utah.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2020	\$50	\$100	\$100
CCTV Alarm Specialist	Certify, inspect, install, integrate, sell, and service closed circuit television alarm systems.	2020		\$250	\$50
Fire Detection and Alarm System Technician	Certify, inspect, install, integrate, and service both required Electrical Contractor and nonrequired fire detection and alarm systems.	2020		\$350	\$100
Locksmith Technician	Sells, repairs, rebuilds, recodes, services, adjusts, installs, manipulates, or bypasses a special locking systems, mechanical locking device or electronic locking devices for controlled access or egress to premises, safes, vaults, safe doors, lock boxes, automatic teller machines, other devices for safeguarding areas or certifies, inspects, installs, integrates, sells, and services closed-circuit television alarm systems.	2020		\$250	\$50
Security Technician	Inspect, install, integrate, sell, and service security systems and equipment or special locking systems.	2020		\$250	\$50

**Contact:** **Office of the State Fire Marshal**      **Louisiana State Licensing Board for Contractors**  
 8181 Independence Boulevard      600 North Street  
 Baton Rouge, LA 70806      Baton Rouge, LA 70802  
 800.256.5452 f. 225.925.4520      225.765.2301

**Contractor Board Website:** <https://lslbc.louisiana.gov/>

**Alarm System Requirements:** A statewide specialty license is required for heat activated fire alarms, intrusion alarms, energy management, telephone, cable and closed-circuit television, sound systems, data transmission, conduit and raceway systems, and electrically supervised manual fire alarms and sprinkler systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: Electrician - “electrical installations” means the installation, repair, alteration and maintenance of electrical conductors, fittings, devices and fixtures for heating, lighting, power purposes, or heat-activated fire alarms, intrusion alarms, energy management, telephone, telegraph, cable and closed-circuit television, sound systems, conduit and raceway systems and electrically supervised manual fire alarms and sprinkler systems. “Electrical installations” includes complete installations related to photovoltaic, fuel cell, and wind power generation systems. “Electrical installations” does not include the installation or repair of portable appliances and other portable electrical equipment, installation of which involves only the insertion of an attachment plug into a fixed receptacle outlet. It is the meaning and intent of this subsection that the word “portable” does not include or apply to any type of fixed electrically operated or driven equipment.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for low energy work defined as individuals or employees installing telephone, cable and closed-circuit television, data transmission, and sound equipment.

**Reciprocity:** The board shall issue a license to any person who files a sworn application, who is licensed under the laws of another state or territory of the United States, and who has been licensed and actively engaged in an electrician’s work for a minimum of 6 years, if that state or territory has licensing standards and experience requirements at least equivalent to this state’s. Current agreements include Idaho, New Hampshire, North Dakota, Oregon, Vermont, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Installing electrical wires, conduits, apparatus, fixtures, and other electrical equipment.	2020		\$150	\$150
Journeyman Electrician	Electrical installations in the employment of a Master Electrician, Limited Electrician, or Electrical Company.	2020		\$150	\$150
Limited Electrician	Installations limited to a specific type of electrically operated equipment or to specific electrical installations only authorized by this license. (Low energy, Includes fire alarms.)	2020		\$150	\$150

**Contact: Electrician’s Examining Board**  
 35 State House Station  
 Augusta, ME 04333  
 207.624.8457

**Email: [Electrician.board@maine.gov](mailto:Electrician.board@maine.gov)**

**Alarm System Requirements:** A Security Systems Agency is an individual or firm licensed to conduct a business that provides security systems services. Security systems services include providing on a person’s residence or commercial property the service of three things:

- Surveying the property for purposes of installing a security system;
- Physically installing, maintaining, or repairing a security system; or
- Responding to a distress call or an alarm sounding from a security system.

**Electrical Contractor/Electrician Requirements:** The State Board of Master Electricians issues two categories of license: Master Electrician and Journeyman Electrician.

**Low-Voltage/Limited-Energy Requirements:** Low-Voltage/Limited-Energy licenses are required by individual municipalities or counties.

**Reciprocity:** The West Virginia State Fire Marshal and the Maryland Board of Master Electricians have entered into an agreement to waive the written exam for any individual who currently holds a master electrician license issued by either Maryland or West Virginia, which is in good standing, if the individual passed the written licensure exam in obtaining the other State’s master electrician license and is otherwise qualified.

An individual who is licensed by the West Virginia State Fire Marshal may apply to the State Board of Electricians without having to take the Maryland written licensure exam, so long as the applicant passed the licensure exam in West Virginia and has held the license for at least 2 years in good standing.

Individuals holding a license in good standing in Virginia who have passed the written examination in Virginia may apply for licensure in Maryland without taking the Maryland written exam.

Additionally, licensees holding a Delaware license in good standing for at least 5 years who passed the exam in Delaware may also apply for licensure without taking the Maryland written exam.

Maryland Electrician license is also reciprocal in Washington, DC.

Each licensing authority will review the applications submitted under this agreement to ensure that applicants are otherwise eligible to obtain a license.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Install, repair, maintain, erect, or alter any electrical equipment, wiring, fixture, appliance, apparatus, raceway, conduit, or system that generates, transmits, transforms, or uses electrical energy in any form for light, heat, power, or communication.	2017	\$65	\$20	\$25
Journeyman Electrician	Provides electrical services while under the direction or control of a licensed master electrician; and in training to become a master electrician.	2017	\$65	\$15	\$15
Security Systems Agency	Firm licensed to conduct a business that provides security systems services. This includes surveying the property for purposes of installing a security system, physically installing, maintaining, or repairing a security system, or responding to a distress call or an alarm sounding from a security system.	2017		\$100	\$100 (Triennial)
Security Systems Technician	Individual licensed to provide security systems services. This includes surveying the property for purposes of installing a security system, physically installing, maintaining, or repairing a security system, or responding to a distress call or an alarm sounding from a security system.	2017		\$15	\$15 (Triennial)

**Contact: Maryland State Board of Electricians**  
 1100 North Eutaw Street, Room 121  
 Baltimore, MD 21201  
 410.230.6163 f. 410.962.8483

**Department of Maryland State Police**  
 1111 Reisterstown Road  
 Pikesville, MD 21208  
 410.653.4500

**Email:** [dloplmasterelectricians-LABOR@maryland.gov](mailto:dloplmasterelectricians-LABOR@maryland.gov)

**Alarm System Requirements:** A statewide license is required for security systems (S-License, formerly “Security Systems Contractor’s License) - an inherently power-limited system of wires, conduits, apparatus, devices, fixtures, or other appliances installed and interconnected electrically or electronically to permit access control, proprietary signaling, surveillance, and the detection of burglary, intrusion, holdup, or other conditions requiring response or the transmission of signals or audible alarms. System means a fire warning, security, or other inherently power-limited system, wire, conduit, or device that conducts or consumes electricity and is electrically or electronically activated. To obtain an S-License, a person must first hold a valid electrical or systems license, issued by the Board of State Examiners of Electricians. Individuals employed by an S-License holder must obtain a Certificate of Clearance prior to engaging in security work. To obtain a Certificate of Clearance for employees, the S-Licensed employer must perform a criminal background check on each prospective worker, then submit an attestation, including the results of the background check, to the Department. The S-License requires a CORI check and a certificate of clearance to be performed every two years.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: “Master Electrician,” which means a holder of a Class A license and a person, firm, or corporation having a regular place of business who, by the employment of journeymen or apprentices, performs the work of installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for light, heat, power, fire warning, or security system purposes; provided, however, that no journeyman electrician so employed shall have more than one apprentice under his supervision; and provided, further, that not more than one such apprentice shall be employed for each journeyman electrician purposes. “Journeyman electrician” means a holder of a Class B license and a person qualified to do the work of installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for heat, light, power, fire warning, or security system purposes.

**Low-Voltage/Limited-Energy Requirements:** A statewide license for: systems contractor means a holder of a Class C license and a person, firm, or corporation having a regular place of business who, by the employment of systems technicians or apprentices, performs the work of installing, repairing or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for systems; provided, however, that no systems technician so employed shall have more than one apprentice under his supervision; and provided, further, that not more than one such apprentice shall be employed for each systems technician.

Systems Technician means a holder of a Class D license and a person qualified to do the work of installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for systems.

**Reciprocity:** The Board of State Examiners of Electricians currently has reciprocal agreements with New Hampshire for both Master and Journeyman licensees.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician (Class A)	Installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for light, heat, power, fire warning, or system purposes.	2023	\$276	\$155	\$117
Journeyman Electrician (Class B)	Installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for heat, light, power, fire warning, or security system purposes.	2023	\$226	\$104	\$78
Systems Contractor (Class C)	Installing, repairing, or maintaining wires, conduits, apparatus, devices, fixtures, or other appliances used for systems; provided, however, that no systems technician so employed shall have more than one apprentice under his supervision; and provided, further, that not more than one such apprentice shall be employed for each systems technician.	2023	\$276	\$155	\$117
Systems Technician (Class D)	Installing, repairing, or maintaining wires, conduits, apparatus devices, fixtures, or other appliances used for systems.	2023	\$226	\$104	\$78
Security Systems Contractor (S-License)	Install, repair, or offer maintenance for security systems. Must have valid electrician license (of any class).	2023		\$250	\$125

**Contact:** Massachusetts Board of State Examiners of Electricians  
1000 Washington Street, Suite 710  
Boston, MA 02118  
617.701.8786 f.617.727.9932

**Division of Occupational Licensure**  
1000 Washington Street, Suite 710  
Boston, MA 02118  
617.701.8600

**Email:** [Electricians.Board@mass.gov](mailto:Electricians.Board@mass.gov)



**Security Alarm Contractor Requirements:** A statewide license is required; Security Alarm Contractors are regulated under Public Act 330 of 1968. The Act defines a Security Alarm System Contractor as a business engaged in the installation, maintenance, alteration, monitoring or servicing of security alarm systems or a company that responds to a security alarm system.

**Fire Alarm System Requirements:** A statewide license is required for: (1) “fire alarm system” means a system designed to detect and announce the presence of fire, or by-products of fire, installed within a building or structure. Fire alarm system does not include a single station smoke detector. (2) Fire alarm contractor, (3) Fire Alarm Specialty Technician, and (4) Fire Alarm Specialty Apprentice Technician.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “Electrical Contractor” defined as a person, firm, or corporation engaged in the business of erecting, installing, altering, repairing, servicing, or maintaining electrical wiring. “Electrical wiring” means all wiring, generating equipment, fixtures, appliances, and appurtenances in connection with the generation, distribution, and utilization of electrical energy, within or on a building, residence, structure, or properties, and including service entrance wiring as defined by the code.

**Low-Voltage/Limited-Energy Requirements:** These systems are exempt from licensure: The installation, maintenance, or servicing of security alarm systems in a building or structure. As used in this subdivision, “security alarm system” means that term as defined in section 6(2)(c).

The installation, maintenance, or servicing of listed residential and commercial lawn irrigation equipment, except any permanent wired connections exceeding 30 volts. The installation, maintenance, or servicing of listed landscape lighting systems and equipment, except any permanent wired connections exceeding 30 volts. The installation, alteration, maintenance, or repair of electric signs and related wiring by an unlicensed individual under the direct supervision of a licensed sign specialist except that the ratio of unlicensed individuals engaged in this activity shall not exceed 2 unlicensed individuals to 1 licensed sign specialist. An enforcing agency shall enforce this ratio on a site basis. The construction, installation, maintenance, repair, and renovation of telecommunications equipment and related systems by a person that is primarily engaged in the telecommunications and related information systems industry. This exemption does not include the construction, installation, maintenance, repair, or renovation of a fire alarm system.

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Erect, install, alter, repair, service, or maintain electrical wiring.	2017	\$100	\$300	\$300 (Triennial)
Electrical Journeyman	Install or alter electrical wiring.	2017	\$100	\$40	\$40 (Annual)
Master Electrician	Supervise the installation of electrical wiring and equipment in accordance with the standard rules and regulations governing that work.	2017	\$100	\$50	\$50 (Annual)
Sign Specialty Contractor	Manufacture, install, alter, maintain, connect, or repair electric sign wiring or devices, including wiring that is directly related to electric signs and is electrically dedicated as a sign circuit.	2017	\$100	\$300	\$300 (Triennial)
Sign Specialist	Install, alter, and repair electric signs.	2017	\$100	\$50	\$50 (Annual)
Fire Alarm Contractor	Erect, install, alter, repair, service, or maintain wiring, devices, appliances, or equipment of a fire alarm system.	2017	\$100	\$300	\$300 (Triennial)
Fire Alarm Specialty Technician	Individual other than fire alarm contractor or apprentice technician engaged in design and installation or alteration of fire alarm systems.	2017	\$100	\$50	\$50 (Annual)
Fire Alarm Specialty Apprentice Technician	Individual other than fire alarm contractor or specialty technician who is engaged about and assisting in the installation or alteration of fire alarm system wiring and equipment under the direct personal supervision of a fire alarm specialty technician.	2017	\$100	\$15	\$15 (Annual)

**Contact:** Michigan Department of Licensing and Regulatory Affairs

611 West Ottawa  
 Lansing, MI 48909  
 517.241.9316 f. 517.241.0130

**Website:** <https://www.michigan.gov/lara/bureau-list/cscl/licensing/prof/alarm>

**Alarm System Requirements:** A statewide license for Power Limited Technician/Contractor is required to conduct this work. Technicians can be registered as unlicensed while gaining more experience; it is required to work under a licensed technician.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: Class A – properly lay out and install electrical wiring, apparatus, and equipment for major electrical home appliances and such other electrical equipment as is determined by the commissioner pursuant to section 326B.33, subdivision 3, on the load side of the main service on farmsteads or in any town or municipality with less than 1,500 inhabitants, which is not contiguous to a city of the first class and does not contain an established business of a master electrician, and who is licensed as a Class A Installer by the commissioner. Class B - properly lay out and install electrical wiring, apparatus, and equipment on center pivot irrigation booms on the load side of the main service on farmsteads, and install other electrical equipment determined by the commissioner. Install, alter, repair, and supervise the installing, altering, or repairing of electrical wiring, apparatus, and equipment for single-phase systems of not more than 200 ampere capacity for light, heat, power, and other purposes on any farm or in any single-family dwelling located in any town or municipality that has a population of less than 2,500 inhabitants. “Electrical work” means the installing, altering, repairing, planning, or laying out of electrical wiring, apparatus, or equipment for electrical light, heat, power, technology circuits or systems, or other purposes. Technicians can be registered as unlicensed while gaining more experience, it is required to work under a licensed technician.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for: Power Limited Technician - an individual having the necessary qualifications, training, experience, and technical knowledge to install, alter, repair, plan, lay out, and supervise the installing, altering, and repairing of electrical wiring, apparatus, and equipment for technology circuits or systems, and who is licensed as a Power Limited Technician by the commissioner. “Technology circuits or systems” means Class 2 or Class 3 circuits or systems for, but not limited to, remote control, signaling, control, alarm, and audio signal including associated components as covered by the National Electrical Code, Articles 640, 645, 650, 725, 760, 770, and 780, and which are isolated from circuits or systems other than Class 2 or Class 3 by a demarcation and are not process control circuits or systems; antenna and communication circuits or systems as covered by Chapter 8 of the National Electrical Code; and circuitry and equipment for indoor lighting and outdoor landscape lighting systems that are supplied by the secondary circuit of an isolating power supply operating at 30 volts or less as covered by the National Electrical Code, Article 411. The planning, laying out, installing, altering, and repairing of technology circuits or systems must be performed in accordance with the applicable requirements of the National Electrical Code pursuant to section 326B.35. Subd. 30. “Technology system contractor” means a licensed contractor whose responsible licensed individual is a licensed Power Limited Technician. Technicians can be registered as unlicensed while gaining more experience; it is required to work under a licensed technician.

**Reciprocity:** *Journeyworker:* Alaska, Arkansas, Colorado, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming.  
*Master Electrician:* Iowa, Nebraska, North Dakota, and South Dakota.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Hold active master electrician license, and be an owner, officer, or member of the business applying for the license or a W-2 employee who is actively engaged in the company's electrical work.	2023	N/A	\$120	\$128
Master Electrician	Perform or supervise electrical work.	2023	\$50	\$00	\$73
Journeyworker Electrician	Perform and supervise electrical work under the supervision of a master electrician.	2023	\$50	\$30	\$43
Power Limited Technician	Install, alter, repair, plan, lay out or supervise the installing, altering, repairing, planning, or laying out of electrical wiring, apparatus, or equipment for technology circuits or systems	2023	\$50	\$30	\$43
Technology Systems Contractor	Employees are Power Limited Technicians.	2023	N/A	\$128	\$188
Unlicensed Registered Technician	Perform work under the supervision of a licensed Technician while gaining experience and tracking hours for licensure.		N/A	\$14	

**Contact:** **Minnesota Department of Labor and Industry**  
443 Lafayette Road North  
St. Paul, MN 55155  
651.284.5031 (Individual) 651.284.5034 (Contractor)

**Email:** [dli.license@state.mn.us](mailto:dli.license@state.mn.us) **Website:** <https://www.dli.mn.gov>

**Alarm System Requirements:** A statewide license (Class A) is required for alarm systems contracting defined as: an electronic protective system to another, including, but not limited to, the design, planning with the intent to pre-wire, pre-wiring, installation, maintenance, repair, testing, modification, improvement, alteration, inspection, or servicing of an electronic protective system. It also includes alarm verification, burglar alarms, intrusion detection systems, or electronic protective systems. Individual licenses are Class B, C, D, and H.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for a “Contractor,” defined as: If you are doing a privately funded job over \$50,000 per job or a publicly funded job over \$50,000 per job, you will have to have a state contractor’s license. For anything that falls below that amount, you will have to contact the city or county wherever you will be doing the job and meet their requirements. Master Electrician licenses are issued at local/municipal levels.

**Low-Voltage/Limited-Energy Requirements:** If you qualify for a contractor license, there are specialty classifications, including communication systems, required. Communication systems are licensed at the local/municipal level.

**Reciprocity:** The Mississippi State Board of Contractors has reciprocal agreements with specific boards and in the states of Alabama, Arkansas, Georgia, Louisiana, North Carolina, South Carolina, and Tennessee. Reciprocity applies to a waiver of a trade exam only (\$50 fee for every exam waived); it does not waive any other application requirements or review by the Board.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Alarm Contracting Company (Class A)	Design, plan, with intent to pre-wire, install, maintain, repair, test, modify, improve, alter, inspect, or service an electronic protective system.	Local		\$450	\$200
Alarm Systems Technician (Class B)	Design, plan, specify, lay out, sell, pre-wire, install, maintain, repair, test, inspect, or service an electronic protective system while in the employ of an alarm contracting company.	Local		\$150	\$50
Alarm Systems Salesperson (Class D)	Design, plan, specify, lay out, or sell an electronic protective system while in the employ of an alarm contracting company.	Local		\$150	\$50
Alarm Systems Helper (Class H)	Pre-wire or assist a Class B or Class C license holder with installing or servicing an electronic protection system while under the direct supervision of a licensed Class B or Class B holder in the employ of an alarm contracting company.	Local		\$150	\$50
Electrical Contractor (Major Classification)	Can classify alarm systems, access systems, and security equipment, communication systems, and Low-Voltage/Limited-Energy electrical; telecommunications. (\$100/classification)	Local		\$400	\$400

**Contact: Mississippi State Board of Contractors**  
 2679 Crane Ridge Drive, Suite C  
 Jackson, MS 39216  
 601.354.6161 f. 601.354.6715

**Mississippi State Fire Marshal**  
 660 North Street, Suite 100-B  
 Jackson, MS 39202  
 601.359.1066 f. 601.359.1076

**Email:** [info@msboc.us](mailto:info@msboc.us)

**Alarm System Requirements:** There is no statewide license required, but local jurisdictions do require licenses for specific electrical work.

**Electrical Contractor/Electrician Requirements:** A statewide Electrical Contractor license is not mandatory. If you work only in places where you are currently licensed, or no license is required, you may not want a statewide license. The statewide license, however, is acceptable in all cities/counties, which may be for you.

**Low-Voltage/Limited-Energy Requirements:** There is an exemption for a contractor engaged in the design, installation, erection, repair, maintenance, or alteration of Class 2 or Class 3 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 residential or commercial premises.

**Reciprocity:** Missouri does not currently have any reciprocal agreements with other states. If your license outside of Missouri required you to pass a test and required you to show verifiable hours of practical experience, you may be able to use those to meet the testing and experience requirements to qualify for a statewide electrical contractor license for Missouri.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Install, erect, or maintain electrical wiring, fixtures, apparatus, equipment, devices, or components, regardless of voltage that are used for the generation, transmission, and utilization of electricity.	Local		\$200	\$200

**Contact: Office of Statewide Electrical Contractors**

3605 Missouri Boulevard, PO Box 1335  
 Jefferson City, MO 65102  
 573.522.3280 f. 573.751.6301

**Alarm System Requirements:** A statewide license is required for a Contract Security Company or an Electronic Security Company.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: “Electrical Contractor,” which means a person, firm, partnership, corporation, association, or combination of these entities that undertakes or offers to undertake for another the planning, laying out, supervising, and installing or the making of additions, alterations, and repairs in the installation of wiring apparatus and equipment for electric light, heat, and power.

The term does not include a person, firm, partnership, corporation, association, or combination of these entities that only plans or designs electrical installations.

**Low-Voltage/Limited-Energy Requirements:** Any electrical work not more than 90 volts is exempt from licensure requirements.

**Reciprocity:** Residential and Journeyman Electrician licenses are reciprocated for Alaska, Arkansas, Colorado, Idaho, Iowa, Maine, Minnesota, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Wisconsin, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Erect, install, alter, repair, service, or maintain electrical wiring.	2017	\$100	\$300	\$300 (Triennial)
Electrical Journeyman	Install or alter electrical wiring.	2017	\$100	\$40	\$40 (Annual)
Master Electrician	Supervise the installation of electrical wiring and equipment in accordance with the standard rules and regulations governing that work.	2017	\$100	\$50	\$50 (Annual)
Sign Specialty Contractor	Manufacture, install, alter, maintain, connect, or repair electric sign wiring or devices, including wiring that is directly related to electric signs and is electrically dedicated as a sign circuit.	2017	\$100	\$300	\$300 (Triennial)
Sign Specialist	Install, alter, and repair electric signs.	2017	\$100	\$50	\$50 (Annual)
Fire Alarm Contractor	Erect, install, alter, repair, service, or maintain wiring, devices, appliances, or equipment of a fire alarm system.	2017	\$100	\$300	\$300 (Triennial)
Fire Alarm Specialty Technician	Individual other than fire alarm contractor or apprentice technician engaged in design and installation or alteration of fire alarm systems.	2017	\$100	\$50	\$50 (Annual)
Fire Alarm Specialty Apprentice Technician	Individual other than fire alarm contractor or specialty technician who is engaged about and assisting in the installation or alteration of fire alarm system wiring and equipment under the direct personal supervision of a fire alarm specialty technician.	2017	\$100	\$15	\$15 (Annual)

**Contact: Montana State Electrical Board**  
 301 South Park, 4th Floor  
 PO Box 200513  
 Helena, MT 59620  
 406.444.6880

**Board of Private Security & Investigations**  
 301 South Park, 4th Floor  
 Helena, MT 59620

**Website:** <https://boards.bsd.dli.mt.gov/private-security/license-information/security-alarm>

**Alarm System Requirements:** A statewide license is required for: Fire Alarm Installer, which is defined as any person having the necessary qualifications, training, and experience to plan, lay out, and install electrical wiring, apparatus, and equipment for only those components of fire alarm systems that operate at 50 volts or less and who is licensed by the board.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Class A and B (Master Electrician and Electrical Contractor). Class A master electrician defines a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the installation of wiring, apparatus, and equipment for electric light, heat, power, and other purposes and who is licensed by the board. A Class B Electrical Contractor license and a Class B Master Electrician license shall be valid only regarding systems of not over 400 amperes in capacity in structures used and maintained as residential dwellings but not larger than four-family dwellings located in any municipality which has a population of less than 100,000 inhabitants.

**Low-Voltage/Limited-Energy Requirements:** Electrical contractor/electrician license required for all work (no exceptions).

**Reciprocity:** *Electrical Contractor:* Iowa, Minnesota, South Dakota, and Texas. *Journeyman:* Alaska, Arkansas, Colorado, Idaho, Iowa, Minnesota, Montana, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Bid, plan, lay out, install, and supervise the installation of electrical wiring, apparatus, and equipment anywhere in the State of Nebraska.	2017	\$125	\$125 or \$250	\$250
Journeyman Electrician	Install electrical wiring, apparatus, and equipment, and to supervise apprentice electricians, anywhere in the State of Nebraska.	2017	\$60	\$25 or \$50	\$50
Residential Journeyman	Install electrical wiring, apparatus, and equipment for residential installations and to supervise apprentice electricians. Residential installations are defined as installations intended for a single-family or two-family residential dwelling, or a multi-family residential dwelling not larger than three stories in height.	2017	\$60	\$25 or \$50	\$50
Apprentice Electrician	Electrical wiring under direct personal on-the-job supervision and control and in the immediate presence of a licensee under the State Electrician Act. The licensee may employ or supervise apprentice electricians at a ratio not to exceed three apprentice electricians to one licensee.	2017		\$20 or \$40	\$40
Fire Alarm Installer	Plan, lay out, and install electrical wiring, apparatus, and equipment for only those components of fire alarm systems that operate at 50 volts or less, anywhere in the State of Nebraska.	2017	\$60	\$25 or \$50	\$50

**Contact:** Nebraska Electrical Division  
 1220 Lincoln Mall, Suite 125  
 Lincoln, NE 68508  
 402.471.3550 f. 402.471.4297

**Email:** [Sed.officestaff@nebraska.gov](mailto:Sed.officestaff@nebraska.gov)

**Alarm System Requirements:** A statewide license is required for fire detection (subclassification C-2c or C-41c): the installation, alteration, and repair of electrical sensors and alarms used to detect heat and smoke, including all appurtenances and related wiring.

**Electrical Contractor/Electrician Requirements:** A statewide Electrical Contractor license is required (C-2) with several classifications underneath the C-2 license. Electrical work is defined as the installation, alteration, and repair of electrical wires, fixtures, appliances, and apparatuses, and the performance of any related wiring on existing structures.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for Low-Voltage/Limited-Energy systems (subclassification C-2d): The installation, alteration, and repair of systems that use fiber optics or do not exceed 91 volts, including telephone systems, sound systems, cable television systems, closed-circuit video systems, satellite dish antennas, instrumentation and temperature controls, computer networking systems, and landscape lighting. Classification C-42: Constructing, altering, or improving video service networks. The Board will grant qualified applicants a license in the specialty of constructing, altering, or improving video service networks. The Board designates such a license as a “classification C-42” license. A person who holds a classification C-42 license may construct, alter, or improve video service networks.

**Reciprocity:** Under certain circumstances, the Nevada State Contractors Board will waive the state-specific trade examination requirements and the experience certification process requirement for applicants that qualify for licensure by endorsement. These waivers are granted for applicants who are licensed in a state determined by Nevada to have substantially equivalent requirements. These states include Alabama, Arizona, California, Connecticut, Florida, Hawaii, Louisiana, New Mexico, North Carolina, South Carolina, Tennessee, and West Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Wiring (C-2a)	The installation, alteration, and repair of electrical wires, fixtures, appliances, and apparatuses, and the performance of any related wiring on existing structures.	2017	\$300	\$600	\$600
Fire Detection (C-2c)	The installation, alteration, and repair of electrical sensors and alarms used to detect heat and smoke, including all appurtenances and related wiring.	2017	\$300	\$600	\$600
Low-Voltage Systems (C-2d)	(Above)	2017	\$300	\$600	\$600
Lines to Transmit Electricity (C-2e)	The installation, alteration, and repair of overhead or underground secondary lines that transmit electricity, including the installation of poles, towers, anchors, guys, transformers, substations, circuit breakers, and any other related hardware, equipment, or systems.	2017	\$300	\$600	\$600
Fire Alarms (C-41c)	The installation, alteration, repair, and servicing of electrical sensors and alarms used to detect heat and smoke, including all appurtenances and related wiring.	2017	\$300	\$600	\$600

**Contact: Nevada State Contractors Board**  
 5390 Kietzke Lane, Suite 102  
 Reno, NV 89511  
 702.486.1100 (Southern Nevada) 775.688.1141 (Northern Nevada)

# NEW HAMPSHIRE

**Alarm System Requirements:** Voluntary license for fire alarm systems went into effect Jan. 1, 2005. “Fire alarm system” means those assemblies of wiring for installations such as electronic transmitting devices, detection devices, control panels, and related equipment for the detection of products of combustion or flammable gases and for alerting occupants, including fire department personnel, of a fire emergency. “Installation” means the initial placement of portable fire extinguishers, fire extinguishing systems, fire sprinkler systems or fire alarm systems or the extension, modification, or alteration of equipment after the initial placement, and includes the inspection and testing of the equipment attendant to the placement or alteration of portable fire extinguishers, fire extinguishing systems, fire sprinkler systems, or fire alarm systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Master and Journeyman Electrician defined as: “Electrical installations” means the installation, repair, alteration and maintenance of electrical conductors, fittings, devices and fixtures for heating, lighting, or power purposes, regardless of the voltage. The term does not include the installation or repair of portable appliances and other portable electrical equipment, installation of which involves only the insertion of an attachment plug into a fixed receptacle outlet. The word “portable” does not include or apply to any type of fixed electrically operated or driven equipment.

**Low-Voltage/Limited-Energy Requirements:** Person who makes or hires or employs another to make, electrical installations, repairs, alterations, or maintenance to automatic irrigation systems operating at 30 volts or less are exempt from licensure requirements.

**Reciprocity:** *Electrical Contractor/Electrician:* The Electrical Safety Section currently has active reciprocal agreements for the Master and Journeyman license with Maine, Massachusetts, and Vermont.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Person either employed by another master electrician or who, as a business, hires or employs another to do electrical work, or, without hiring another, makes electrical installations as a principal or auxiliary business for his or her own account.	2020	\$50	\$270	\$270
High/Medium-Voltage Electrician	Person who hires or employs another to make electrical installation on high-/medium-voltage power distribution systems operating at over 600 volts, or without hiring another, makes electrical installation on high/medium-voltage power distribution systems operating at over 600 volts, including associated controls and metering as a principal or auxiliary business for their own account.	2020	\$50	\$270	\$270
Journeyman Electrician	Install electrical wires, conduits, apparatus, fixtures, and other electrical equipment.	2020	\$50	\$150	\$150
Apprentice Electrician	Engaged in the learning and assisting in making electrical installation under the direct supervision of a master or journeyman electrician.	2020	\$30	\$30	\$30
Unlimited Fire Alarm System Technician	A person who meets the requirements of a limited fire alarm systems technician and is permitted to service, program, and test systems in accordance with applicable codes, standards, and regulations. This person can also service in a supervisory position.	2020			
Limited Fire Alarm System Technician	Person proficient in the installation of associate fire alarm systems equipment and qualified to work unsupervised and with other limited and unlimited technicians. Does not include service, programming, or testing of systems.	2020			

**Contact:** **New Hampshire Electrician’s Board**  
7 Eagle Square  
Concord, NH 03301  
603.271.2152

**New Hampshire Division of Fire Safety**  
33 Hazen Drive  
Concord, NH 03305  
603.223.4289 f. 603.223.4294

**Email:** [fmo@dos.nh.gov](mailto:fmo@dos.nh.gov)



**Alarm System Requirements:** A statewide license is required for Alarm Business, which includes the installation, sales, servicing, or maintenance of (1) perimeter intrusion protection systems, (2) unmanned aerial drones used to protect the premise, building or complex, and (3) any artificial intelligence and evolving technology used for physical security applications consisting of a device or machine, computer, or software used for detection, security, surveillance, monitoring of unauthorized access, or providing a warning of intrusion, which is designed to discourage crime or warn of potential threats.

“Fire alarm” means a security system comprised of an interconnected series of alarm devices or components, including systems interconnected with radio frequency signals, which emits an audible, visual, or electronic signal indicating an alarm condition and which provides a warning of the presence of gas, smoke, or fire. “Access control system” means a system that provides access to authorized persons and may record and report which persons entered or exited a facility or areas within a facility, which doors or areas were accessed while persons are within a facility, and the time that such activity occurred. “Access control systems” may include the use of keys, access cards, locks, card readers, biometric identification devices, recorders, printers, and control devices. “Access control systems” may be independent systems or may be integrated with other electronic security systems. “Closed-circuit television” or “CCTV” means a video security system that may include video cameras, IP (Internet Protocol) cameras, monitors, switches, camera enclosures, controls, and other related devices. “Closed-circuit television” may be an independent system or may be integrated with other electronic security systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: “Electrical Contractor,” which means a person who engages in the business of contracting to install, erect, repair, or alter electrical equipment for the generation, transmission, or utilization of electrical energy.

**Low-Voltage/Limited-Energy Requirements:** Exemptions are provided for “telecommunications wiring” meaning wiring within a premises, either inside or outside a building for voice and/or data transmission at voltage(s) compatible with the system being installed and connected to an FCC-recognized communication network at the point of connection provided by the public utility providing communication services to the customer. It shall also include the interconnection of data wiring between computers and/or terminals. There is also an exemption for any potential work of less than 10 volts.

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2020	\$100	\$225	\$225
Journeyman Electrician		2020	\$100	\$90	\$90
Alarm Business	(Above)	2020	\$100	\$150	\$150

**Contact:** Board of Examiners and Electrical Contractors  
 124 Halsey Street, 6th Floor  
 PO Box 45006  
 Newark, NJ 07101  
 973.504.6410

**New Jersey Office of the Attorney General**  
 Division of Consumer Affairs  
 124 Halsey Street, 6th Floor  
 Newark, NJ 07102  
 973.504.6410

**Website:** <https://www.njconsumeraffairs.gov/fbl/Pages/applications.aspx>

**Alarm System Requirements:** Low-Voltage/Limited-Energy special systems cover alarm work. (ES-3)

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: EE-98 defined as residential and commercial electrical wiring 5000 volts, nominal or less. Requires four years' experience. Includes all electrical wiring operating at 5000 volts, nominal, or less, electrical wiring identified in electrical specialty classifications ES-1, ES-2, ES-3, and ES-7, residential electrical wiring identified in classification ER-1, and only trenching and ductwork associated with classification EL-1. Does not include electrical wiring defined in the EL-1 classification other than trenching and duct work as specified above. May bid and contract as the prime contractor of an entire project provided the electrical contractor's portion of the contract, based on dollar amount, is the major portion of the contract. Electrical wiring is defined as installation; alteration; connection; maintenance; demolition; or repair of raceways; conduits; conductors; cables; boxes; fittings; wiring devices; luminaires; overcurrent devices; distribution equipment; or other equipment or apparatus that is used as part of, or in connection with, an electrical installation.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for a variety of specialties including ES-3: Low-voltage special systems (under 50 volts). Requires two years of experience. Public address or other sound, voice communication systems normally involve low energy signal circuits. Also, electrical burglar and fire alarm systems, computer data systems, one and two-family and multifamily dwelling telephone systems and cable TV systems normally involving coaxial cable for the purpose of transmitting RF signals and other intelligence by wire and cable. Includes other Low-Voltage/Limited-Energy specialty systems such as, but not limited to, door and gate operated control circuits, and temperature control circuits. An installer of TVROs (dishes) is not required to have a contractor's license when the installation is in a single-family dwelling and does not require the use of 120 volts for tracking.

ES-7 Telephone Communication Systems: Requires two years of experience. In-plant and out-plant telephone systems, telephone interconnections in public or privately owned buildings, computer data systems and underground cables or aerial supporting structures, trenching, duct work, terminal facilities, repeaters, including the installation of instruments at their terminating locations. Interior wiring of a building housing any of the above equipment requires an EE-98 classification.

**Reciprocity:** New Mexico has reciprocal licensing agreements for a Journeyman certificate/license only with the following states: Alaska, Arkansas, Colorado, Idaho, Montana, Nebraska, Oklahoma, South Dakota, Texas, Utah, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Signs and Outline Lighting (ES-1)	Electrical outs and outline lighting, including electrical wiring to connect signs installed where a sign circuit has been provided within 10 feet, and concrete for the foundation of poles, and build structures for the support of such signs. Outline lighting is an arrangement of incandescent lamps or gaseous tubes to outline and call attention to certain feature such as the shape of a building or the decoration of a window.	2020	\$68.88	\$45	\$300
Cathodic Protection and Lightning Protection Systems (ES-2)	Electrically activates systems to prevent galvanic damage to metallic pipes or structures, usually underground and electrical work involved in the equipment for connection rectifier systems. Also includes lightning protection systems. May not install the service riser, main service, or service grounding.	2020	\$68.88	\$45	\$300
Low-Voltage Systems (ES-3)	(Above)	2020	\$68.88	\$45	\$300
Telephone Communication Systems (ES-7)	(Above)	2020	\$68.88	\$45	\$300
Residential/Commercial Electrical Contractor	(Above)	2020	\$296	\$45	\$300

**Contact: Construction Industries Division**  
 5500 San Antonio Drive, Suite F  
 Albuquerque, NM 87109  
 505.222.9801



**Alarm System Requirements:** A statewide license is required for Security or Fire Alarm Installer defined as: installs, maintains, or services alarm systems, including such items as the detectors, control devices, and alarm communication systems; or if it holds itself out to the public as being able to do so. A Security and Fire alarm Installer license is required for the installation, maintenance, or servicing of the following: (1) a closed-circuit television system (CCTV) if such system is used, either full-time or part-time, for the detection or monitoring of intrusion, break-in, theft, movement, sound, or fire; and (2) electrical entry systems which detect and/or provide notification of intrusion, break-in, theft, movement, sound, or fire regardless of the number of entry points.

**Electrical Contractor/Electrician Requirements:** Electrician/contractor licensing is regulated at the local/city level. Please confirm with the municipality any required licenses.

**Low-Voltage/Limited-Energy Requirements:** Low-Voltage/Limited-Energy license is regulated at the local/city level. Please confirm with the municipality any required licenses..

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Security or Fire Alarm System Installer	Installs, services, or maintains security or fire alarm systems to detect intrusion, break-in, movement, sound, or fire.	2017	\$15	\$185	\$100

**Contact: Division of Licensing Services**

123 William Street, Suite 19  
 New York, NY 10038  
 518.474.4429 f. 518.473.6648

**Email:** [licensing@dos.ny.gov](mailto:licensing@dos.ny.gov)

# NORTH CAROLINA

**Alarm System Requirements:** A statewide license is required. No person, firm, association, corporation, or department or division of a firm, association, or corporation, shall engage in or hold itself as engaging in alarm systems business without first being licensed. An LV license is required before applying for an alarm license.

**Electrical Contractor/Electrician Requirements:** A statewide Electrical Contractor license is required. See requirements for fire alarm/burglar alarm and Low-Voltage/Limited-Energy wiring systems. (SP-FA-LV)

A statewide license is required for: Limited, under which a licensee shall be permitted to engage in a single electrical contracting project of a value not in excess of \$50,000 and on which the equipment or installation in the contract is rated at not more than 600 volts; Intermediate, under which a licensee shall be permitted to engage in a single electrical contracting project of a value not in excess of \$130,000; Unlimited, under which a licensee shall be permitted to engage in any electrical contracting project regardless of value.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for fire alarm, burglar alarm, and limited energy wiring systems defined as: 1) wiring systems of 50 volts or less and control circuits directly associated therewith; (2) wiring systems that have a voltage in excess of 50 volts and consist solely of power limited circuits meeting the definition of a Class 2 or Class 3 wiring system in the National Electrical Code or paging systems not in excess of 70 volts; (3) line-voltage wiring that has a voltage not in excess of 300 volts to ground and is installed from the load-side terminals of a disconnecting means or from a junction box, either of which has been installed by others, for the specific purpose of supplying the limited energy wiring system involved. Some limited energy wiring systems that meet this definition are exempt under Rule .0805. (4) interconnected components wired to a common control panel either as a standalone fire alarm system or as part of a combination burglar/fire system to monitor and annunciate the status of evidence of flame, heat, smoke, or water flow within a building or structure in accordance with the requirements of the N.C. State Building Code and NFPA 72; or alarm systems/devices used to detect burglary or theft as defined in G.S. 740.2 (a). You are exempt from Low-Voltage/Limited-Energy licensing if: (1) the system is not required by the N.C. State Building Code; (2) the low-voltage control circuit and power supply is a Class 2 or Class 3 system as defined in the National Electrical Code other than that described in Rule .0804; (3) the system operates at a voltage not in excess of 50 volts or meets the provisions for sound-recording and similar equipment in the National Electrical Code; (4) no part of the system is installed in an area considered as hazardous under the National Electrical Code; (5) the system is current limited or protected by a circuit breaker, fuse, or other current limiting device; and (6) a failure in the system would not, in the opinion of the electrical inspector having jurisdiction, create a shock or fire hazard to persons or property.

**Reciprocity:** The Board of Examiners of Electrical Contractors currently has agreements with Alabama, Florida, Georgia, Louisiana, Mississippi, Ohio, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor Unlimited	Engage in any electrical contracting project regardless of value.	2020	\$125	\$200	\$200
Electrical Contractor Intermediate	Engages in a single electrical contracting project of a value not in excess of \$150,000.	2020	\$125	\$150	\$150
Electrical Contractor Limited	Engage in a single electrical contracting project of a value not in excess of \$60,000 and on which the equipment or installation in the contract is rated not more than 600 volts.	2020	\$125	\$100	\$100
Electrical Contractor Special Restricted – Fire Alarm/ Low-Voltage (SP-FA-LV)	Install, maintain, or repair only Low-Voltage/Limited-Energy wiring and directly related wiring.	2020	\$125	\$100	\$100
Electrical Contractor Special Restricted – Electric Sign (SP-ES)	Install, maintain, or repair electric wiring or devices only as an incident to the licensee's electric sign business. Furthermore, the license authorizes the licensee to install, maintain, or repair only wiring that is directly related to electronic signs and is electrically isolated from the building wiring system.	2020	\$125	\$100	\$100

**Contact:** North Carolina Board of Examiners of Electrical Contractors  
505 North Greenfield Parkway, Suite 101  
Garner, NC 27529  
919.733.9042 f. 800.691.8399

**Alarm Service Licensing Board**  
3101 Industrial Drive, Suite 104  
Raleigh, NC 27609  
919.788.5320

**Website:** <https://www.ncdps.gov/dps-services/permits-licenses/alarm-systems-licensing-board/licensing-process>

**Alarm System Requirements:** Fire alarm systems are covered under the electrical license requirements. Local jurisdictions may have separate requirements. Security systems/alarms are regulated at the local level.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for: Class B Electrician, Journeyman Electrician, or Master Electrician.

**Low-Voltage/Limited-Energy Requirements:** Exception for licensure includes: As provided in Article 640, 2020 edition, National Electrical Code, sound reproduction and similar equipment; in Article 800, 2020 edition, National Electrical Code, communication circuits; and in Article 725, 2020 edition, National Electrical Code, for Class 2 and Class 3 remote control and signaling circuits.

**Reciprocity:** North Dakota has agreements for the Master and Journeyman Licenses with Minnesota and South Dakota. It has agreements for the Journeyman License only with Alaska, Colorado, Idaho, Iowa, Maine, Montana, Nebraska, New Hampshire, Utah, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Plan, layout, and supervise the installation and repair of electrical wiring apparatus, and equipment for electric light, heat, power, and power limited systems, in accordance with the standard rules and regulations governing such work.	2020	\$50	\$50	\$50
Journeyman Electrician	Wire, install, and repair electrical apparatus and equipment and power limited systems in accordance with the standard rules and regulations governing such work.	2020	\$25	\$25	\$25
Class B Electrician	Same as above but with further experience in farmstead or residential wiring and shall have passed an examination before the state electrical board based upon the National Electrical Code as it applies to farmstead or residential wiring.	2020	\$40	\$40	\$40
Power Limited Electrician	Plan, layout, and supervise the installation and repair of power limited systems.	2020	\$50	\$50	\$50

**Contact:** **North Dakota State Electrical Board**  
 1929 North Washington Street, Suite A-1  
 PO Box 7335  
 Bismarck, ND 58507  
 701.328.9522 f. 701.328.9524

**Alarm System Requirements:** The State of Ohio requires Fire Protection Licenses when servicing, testing, repairing, maintenance, or installation of fire protection equipment or fire-fighting equipment for profit. Separate licenses are required for fire alarms, sprinkler systems, suppression systems, etc. Security systems/alarms are regulated at the local level.

**Electrical Contractor/Electrician Requirements:** A statewide license exists for an Electrical Contractor who engages in the business of contracting to install, erect, repair, or alter electrical equipment for the generation, transmission, or utilization of electrical energy.

**Low-Voltage/Limited-Energy Requirements:** Low-Voltage/Limited-Energy work is exempt from electrical contractor licensure for work that is limited to the construction, improvement, renovation, repair, testing, or maintenance of the following systems using less than 50 volts of electricity: fire alarm or burglar alarm, cabling, tele-data sound, communication, and landscape lighting and irrigation.

**Reciprocity:** The Ohio Construction Industry Licensing Board has (electrical) reciprocal agreements with Kentucky, Louisiana, North Carolina, South Carolina, Tennessee, and West Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2017	\$138	\$25	\$50
Fire Protection Certification	(Above)	2017	\$35	\$50	

**Contact: Ohio Construction Industry Licensing Board**

77 South High Street, 20th Floor  
 Columbus, OH 43215  
 616.644.3493

**Alarm System Requirements:** Alarm companies in Oklahoma are regulated by the Oklahoma Department of Labor through the Alarm and Locksmith Division. All alarm companies must be licensed. Part of the licensing process includes a thorough background check of the employees that have access to customer files and who directly contact the customer.

**Electrical Contractor/Electrician Requirements:** A statewide Alarm Endorsement is required: Licensed electrician or registered electrical apprentice who has met the endorsement requirements and holds a current valid electrical license or registration may install, service, or repair alarm or security systems or electronic security devices such as residential or commercial burglar alarms or security systems, electronic access control, closed circuit television nurse call systems, and the like pursuant to the regulations governing that electrical license or registration.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Limited/Unlimited Electrical Contractors. “Electrical firm” means any firm, corporation, partnership, sole proprietorship, joint venture, or any other business entity engaged in the business of planning, contracting, supervising, or furnishing labor or labor and materials for the installation, repair, maintenance, or renovation of electrical facilities according to the Act. “Electrical facility” means wiring, fixtures, appurtenances, and appliances used for and in connection with a supply of electricity but excludes the connection with a power meter or other supply source.

**Low-Voltage/Limited-Energy Requirements:** There is no exemption for licensure. Please review the Alarm Systems requirements.

**Reciprocity:** The Oklahoma Construction Industries Board currently has reciprocal agreements with: Alaska, Colorado, Idaho, Montana, Nebraska, South Dakota, Texas, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Planning, superintending, and practical installation of electrical facilities who is familiar with the laws, rules, and regulations governing such work.	2020	\$100	\$330	\$200
Unlimited Electrical Contractor	Unlimited Electrical Contractors are unlimited in the type of electrical contracting they can perform.	2020	\$100	\$330	\$200
Limited Electrical Contractor	Must be an owner, partner, or officer in an electrical firm and are prohibited from engaging in the work an apprentice of journeyman electrician.	2020	\$100	\$330	\$200
Journeyman Electrician	Engages in actual installation, alteration, repair, or renovation of electrical facilities or electrical construction work unless specifically exempted by the provisions of the Electrical License.	2020	\$100	\$75	\$75
Alarm Endorsement	(Above)	2020		\$75	\$25

**Contact: Oklahoma Construction Industries Board**  
 2401 Northwest 23rd Street, Suite 2F  
 Oklahoma City, OK 73107  
 405.521.6550 f. 405.521.6525

**Oklahoma Department of Labor**  
 409 NE 28th St, 3rd Floor  
 Oklahoma City, OK 73105  
 405.521.6100 f. 405.521-.6018

**Alarm System Requirements:** A statewide license is required for Limited Energy Technician Class B. This license allows the holder to install, alter, or repair all limited-energy systems that do not include protective signaling, including but not limited to: (1) protective signaling (fire alarm, nurse call, burglar alarm, security and voice evacuation systems part of fire or life safety system), (2) HVAC, (3) boiler controls, (4) intercom and paging systems, (5) clock systems, (6) data telecommunications installations, and (7) instrumentation.

**Contractor Requirements:** Oregon law requires anyone who works for compensation in any construction activity involving improvements to real property to be licensed with the Oregon Construction Contractors Board (OCCB). Construction activity includes roofing, siding, painting, carpentry, concrete, on-site appliance repair, heating and air conditioning, home inspections, tree service, plumbing, electrical work, floorcovering, manufactured dwelling installation, land development, and most other construction and repair services.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for an Electrical Contractor license, which is a specialized license allowing a company to engage in the business of electrical installation.

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for Limited Energy Technician Class A. “Limited energy electrical activity” means installation, alteration, maintenance, replacement, or repair of electrical wiring and electrical products that do not exceed 100 volt-amperes in Class 2 and Class 3 installations, or that do not exceed 300 volt-amperes for landscape limited energy lighting systems that are cord connected to a ground-fault circuit interrupter receptacle, under the electrical specialty code and the Low-Rise Residential Dwelling Code.

**Reciprocity:** *Journeyman:* Arkansas, Idaho, Maine, Montana, Utah, Washington, and Wyoming. *General Supervising Electrician:* Arkansas and Utah.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
General Supervising Electrician (S)	Design, plan, and lay out work, and sign all permits. Only individuals authorized to direct, supervise, or control the installation or alteration of an electrical service.	2020		\$100	\$100
General Journeyman Electrician (J)	Make any electrical installation under the supervision, direction, and control of a general supervising electrician, unless doing the work that requires the direction or a limited supervising electrician or doing work requiring no supervision.	2020		\$100	\$100
Limited Supervising Electrician (PS)	Design, plan, and lay out work; sign all permits; licensee is the only individual authorized to direct, supervise, or control the installation, maintenance, replacement, and repair of electrical wiring and electrical products on or in an existing operable plant, hospital, commercial building, or institution.	2020		\$100	\$100
Limited Residential Electrician (LR)	Make electrical installations on one- and two-family or multi-family dwelling units, not exceeding three floors above grade. Must work under the supervision, direction, and control of a general supervising electrician.	2020		\$100	\$100
Limited Energy Technician (LEA)	Install, alter, and repair all limited energy systems. An LEA must be licensed as an Electrical Contractor or must work for an Electrical Contractor, Limited Energy Contractor, or one employer in an industrial plant.	2020		\$50	\$50
Limited Energy Technician (LEB)	Perform limited-energy electrical activity that does not include protective signaling. An LEB must be licensed as an Electrical Contractor or must work for Electrical Contractor, Limited Energy Contractor, or for one employer in an industrial plant.	2020		\$50	\$50
Limited Journeyman Sign Electrician (SIF)	Install and service electrical signs and outline lighting. Must be employed by a Limited Sign Contractor.	2020		\$50	\$50
Electrical Contractor (C)	Allows company to engage in the business of making electrical installations.	2020	\$60	\$125	\$125 (Annual)
Limited Energy Contractor (CLE)	Allows a company to make, direct, supervise, or control work on limited-energy systems. The scope of limited energy installation is limited to the signing supervisor’s license limitations.	2020	\$60	\$125	\$125 (Annual)
Limited Sign Contractor (CLS)	Allows a company to make, direct, supervise, or control work on limited-energy systems. The scope of limited installations allowed is limited to the signing supervisor’s license limitations.	2020	\$60	\$125	\$125 (Annual)

**Contact: Building Codes Division**  
 1535 Edgewater Street Northwest  
 Salem, OR 97304  
 503.373.1268 f. 503.378.2322

**Construction Contractor Board**  
 201 High St SE, Suite 600  
 PO Box 14140  
 Salem, OR 97309-5052  
 503.378.4621

**Email:** [license.bcd@dcb.oregon.gov](mailto:license.bcd@dcb.oregon.gov)

**Website:** <https://www.oregon.gov/ccb/Pages/index.aspx>



**Alarm System Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Electrical Contractor/Electrician Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Low-Voltage/Limited-Energy Requirements:** Licenses are required by local jurisdictions and municipalities. No statewide license is required.

**Reciprocity:** Not applicable.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Not Applicable	Not Applicable	2017	N/A	N/A	N/A

**Contact: Pennsylvania Department of Labor and Industry**

1700 Labor and Industry Building  
 Harrisburg, PA 17120  
 717.787.5279

**Alarm System Requirements:** A statewide Alarm Business license is required for any business, both resident and non-resident, that installs, maintains, alter, repairs, replaces, or services alarm systems or that responds to, or causes others to respond to, alarm systems or protected premises. Must maintain 24-hours-per-day service structure.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Electrical Contractor defined as a corporation, firm, or person who, by the employment of Journeypersons, performs the work of installing wires, conduits, apparatus, fixtures, and other appliances for carrying or using electricity for light, heat, or power purposes exclusive of limited-energy wiring for heating or refrigeration equipment for service, maintenance, and installation. (Mechanical contractor is main classification.)

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for “telecommunications systems,” which means any system involved in the sending and/or receiving at a distance of voice, sound, data, and/or video transmissions. “Telecommunication device” means an analog or digital electronic device that processes data, telephony, video, or sound transmission as part of a telecommunications system.

**Reciprocity:** None.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2020	\$75	\$240	\$240
Electrical Sign Contractor	Install, alter, and service electrical signs. This may include the removal or installation of no more than three wires not to exceed 15 feet in length and terminating in an existing electrical enclosure directly adjacent to, or at the base of, said sign.	2020	\$75	\$240	\$240
Journeyman Electrician	Install wires, conduits, apparatus, fixtures, and other appliances.	2020	\$75	\$72	\$72
Fire Alarm Contractor	Corporation, firm, or person who, by the employment of fire alarm installers, installs, maintains, alters, services, and tests fire alarm systems in accordance with the Rhode Island Fire Safety Code.	2020	\$75	\$240	\$240
Fire Alarm Installer	Install, maintain, alter, or service and test a fire alarm system used for the purpose of causing an alarm to be sounded in case of fire.	2020	\$75	\$72	\$72
Alarm Business	(Above)	2020		\$425	\$350 (Triennial)
Alarm Agent	Individual employed by an alarm business who alters, installs, maintains, moves, repairs, replaces, sells, or services an alarm system or responds to, or causes others to respond to, an alarm system.	2020		\$30	\$15
Telecommunications Systems Contractor	Corporation, firm, or person who, by the employment of licensed telecommunications installers and technicians, performs the work of telecommunications systems.	2020	\$36	\$120	\$120
Telecommunications Systems Limited Installer	A person who is qualified to engage in the installation of telecommunications system equipment as attested to by his or her licensing as a telecommunications system limited installer in this state.	2020	\$36	\$36	\$36
Telecommunications Systems Technician	A person who shall be qualified to engage in telecommunications work as attested by his or her licensing as a telecommunications system technician in this state.	2020	\$36	\$72	\$72

**Contact:** **Division of Professional Regulation**  
 1511 Pontiac Avenue  
 Cranston, RI 02920  
 401.462.8580



**Alarm System Requirements:** A statewide Fire Alarm Business license is required for any person, firm, association, partnership, corporation, or other legal entity, by law and approved by the board that designs, installs, services, maintains, or alters burglar alarm systems. This includes burglar alarm systems with an electric fence as defined herein, and heat and smoke sensor installed within a burglar alarm system. A burglar alarm system detects intrusion, burglary, and breaking or entering, but does not include home health care signaling devices.

A statewide Fire Alarm Business license is required for any individual, firm, association, partnership, corporation, or other legal entity authorized by law and approved by the board that designs, installs, services, maintains, or alters fire alarm systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “Electrical Contractor” defined as the installation, alteration, or repair of wiring-related electrical material and equipment used in the generating, transmitting, or utilization of electrical energy less than 600 volts, including all overhead electrical wiring on public rights-of-way for signs and street decorations and all underground electrical distribution systems of less than 600 volts serving private properties. This subclassification also includes, but is not limited to, installing, altering, and repairing, panels, controls, conductors, conduits, cables, devices, plates, electric ceilings, control wiring; and electric heating, lighting fixtures, lamps, general outside lighting, underground and overhead feeder distribution systems for services, and related components or work necessary to provide a complete electrical system and installing window or through-the-wall air-conditioning units not to exceed 3 HP or 3 tons where no piping is necessary. Under this subclassification, general outside lighting is limited solely to within property lines and not on public easements or rights-of-way. A contract that contains electrical work above 50 volts must be performed by a contractor licensed under this subclassification or a licensed public electrical utility contractor. This license subclassification includes installing, altering, and repairing all lighting on private property, athletic fields, stadiums, parking lots, and the design, installation, and servicing of fire alarm systems.

**Low-Voltage/Limited-Energy Requirements:** All work over 50 volts requires an Electrical Contractor license. Low-Voltage/Limited-Energy cable wiring and installation is defined as exempt.

**Reciprocity:** The South Carolina Contractors Licensing Board currently has (electrical) reciprocal agreements with Alabama, Georgia, Mississippi, North Carolina, Ohio, Pennsylvania, Tennessee, and Utah.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2020	\$75	\$350	\$135
Alarm Business	(Above)	2020	\$195	\$200	\$200

**Contact:** South Carolina Contractors Licensing Board  
110 Centerview Drive  
Columbia, SC 29210  
803.896.4686

**Email:** [Contact.CLB@llr.sc.gov](mailto:Contact.CLB@llr.sc.gov)

# SOUTH DAKOTA

**Alarm System Requirements:** There is no statewide alarm system licensure requirement. Fire alarm systems are regulated at the local level.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “Electrical Contractor,” which is a person having the necessary qualifications, training, experience, and technical knowledge to plan, lay out, and supervise the installation and repair of electrical wiring, apparatus, an equipment for electric light, heat, and power in accordance with the standard rules governing such work; and who undertakes or offers to undertake with another to plan for, lay out, supervise, and install or to make additions, alteration, and repairs in the installation of such work.

**Low-Voltage/Limited-Energy Requirements:** Exemption for licensure is provided for employees of alarm and communications companies or services when wiring an alarm or communications system when the system is classified as power limited Class 2 or Class 3 signaling circuits, power limited fire protective signaling circuits, Class 2 or Class 3 alarm circuits, or communications circuits or systems. Please note that those installing burglar alarms, communications equipment, and sound equipment are required to be licensed for sales, use, and contractors excise tax.

**Reciprocity:** *Journeyman:* Alaska, Arkansas, Colorado, Idaho, Iowa, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, Texas, Utah, and Wyoming. *Electrical Contractor:* Iowa, Minnesota, Nebraska, North Dakota, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Plan, lay out, and supervise the installation and repair of electrical wiring, apparatus, and equipment for electric light, heat, and power.	2020		\$200	\$200
Class B Electrician	At least 36 months of experience in wiring, installing, and repairing electrical apparatus and equipment.	2020		\$100	\$100
Journeyman	(Above)	2020		\$80	\$80

**Contact: South Dakota State Electrical Commission**

217 West Missouri Avenue  
 Pierre, SD 57501  
 605.773.3573 f. 605.773.6213

**Email:** [electrical@state.sd.us](mailto:electrical@state.sd.us)



**Alarm System Requirements:** A statewide license is required for any person, partnership, association, or corporation that engages in or holds themselves out as engaging in the business of an alarm systems contractor must be certified by the Board. This includes burglar alarm, fire alarm, CCTV, and alarm monitoring.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for electrical contracting (the classification CE is noted on licenses issued after 1992 and represents that the licensee has passed the Board licensing exam and that no county or municipality shall require such state licensee or its employees to pass any county or municipal test or examination pursuant to T.C.A. § 62-6-111(i)(2)(C)).

- Electrical Transmission Lines (CE-A, H) - (Exam required)
- Electrical Work for Buildings and Structures (CE) - (Exam required)
- Underground Electrical Conduit Installation (CE-C) - (No exam)
- Sound and Intercom Systems, Fire Detection Systems, Signal and Burglar Alarm Systems and Security Systems up to seventy (70) volts do not require examination- Please note that a separate license, issued by the Tennessee Alarm Systems Contractors Board, is also required for alarm systems. (CE-D) - (No Exam)
- Electrical Signs (CE-E) - (No exam)
- Telephone Lines and Ducts (CE-F) - (No exam)
- Cable T.V. (CE-G) - (No exam)
- Substations (CE-A, H) - (Exam required)
- Electrical Temperature Controls (CE-I) - (No exam)
- Fire Detection Systems, Signal and Burglar Alarm Systems and Security Systems with conduit and wiring above seventy (70) volts require an electrical exam. (CE-L/CE) - (CE exam required)
- Roadway Lighting, Attenuators and Signalization - requires electrical examination. (CE-K/CE) - (CE exam required)
- Electric Meter Installation (CE- L/CE) - (CE exam required)

**Low-Voltage/Limited-Energy Requirements:** A statewide license is required for Low-Voltage/Limited-Energy (less than 70 volts): Sound, Intercom, Fire Detection or Alarm Systems (CE- D); Telephone Lines (CE-F); and Cabling (CE-G), however, examinations are not required. Local government may require license and inspections.

**Reciprocity:** The following is a list of states with a trade exam waiver with the Tennessee Contractors license: Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, Ohio, South Carolina, and West Virginia. There is no reciprocity for the Alarm or Limited License Electrician License(s).

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Perform electrical work that has a total cost in excess of \$25,000. Can have specialty classifications (S) in Audio Visual Systems, Low- Voltage Wiring, Meter Installation, and Telecommunications.	2017	\$114	\$250	\$200
Limited Licensed Electrician	Perform electrical work that has a total cost of less than \$25,000.	2017	\$53	\$50	\$50
Alarm Systems Contractor	Any person, firm, association, or corporation that sells, installs, services, or monitors alarm systems, signal devices, fire alarms, burglar alarms, television cameras, or still cameras used to detect fire, burglary, breaking or entering, intrusion, shoplifting, pilferage, or theft.	2017	\$140	\$500 + \$50/ Class.	\$250/\$400 Multiple Class.
Alarm Systems Qualifying Agent	Sell, install, service or monitor alarm systems, signal devices, fire alarms, burglar alarms, television cameras, or still cameras used to detect fire, burglary, breaking and entering, intrusion, shoplifting, pilferage, or theft.	2017		\$200 + \$50/ Class.	\$100/\$200 Multiple Class.

**Contact: Board for Licensing Contractors**  
500 James Robertson Parkway  
Nashville, TN 37243  
615.741.8307 f. 800.544.7693

**Alarm Systems Contractors**  
500 James Robertson Parkway  
Nashville, TN 37243  
615.741.9771

**Email: Contractors.Home-Improvement@tn.gov**

**Email: Alarm.Systems.Contractors@tn.gov**

**Alarm System Requirements:** Class B statewide license required, Sec. 1702.105. ALARM SYSTEMS COMPANY. (a) A person acts as an alarm systems company for the purposes of this chapter if the person sells, installs, services, monitors, or responds to an alarm system or detection device. (b) An alarm systems company may sell, install, maintain, service, or offer to sell, install, maintain, or service, an electronic access control device or a mechanical security device that is capable of activation through a wireless signal. An alarm systems company may not rekey an electronic access control device or mechanical security device that can be activated by a key. This subsection does not apply to a mechanical security device or electronic access control device installed in a motor vehicle. Sec. 1702.1055. ELECTRONIC ACCESS CONTROL DEVICE COMPANY. A person acts as an electronic access control device company for the purposes of this chapter if the person installs or maintains an electronic access control device.

Statewide licensure is required for Fire Alarm Superintendent, Fire Alarm Technician, and Fire Alarm Monitoring Technician. A fire detection device is an arrangement of materials, the sole function of which is to indicate the existence of fire, smoke, or combustion in its incipient stages. Difference in commercial and residential requirements.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for electrical contracting: Design, install, erect, repair, or alter electrical wires or conductors to be used for light, heat, power, or signaling purposes. Includes installation or repair of ducts, raceways, or conduits for the reception or protection of wires of conductors and the installation or repair of any electrical machinery, apparatus or system used for electrical light, heat power, or signaling.

**Low-Voltage/Limited-Energy Requirements:** Exemptions for licensure exist for the design, installation, erection, repair, or alteration of Class 1, Class 2, or Class 3 remote control, signaling, or power-limited circuits, fire alarm circuits, optical fiber cables, or communications circuits, including raceways, as defined by the National Electrical Code.

**Reciprocity:** *Master Electrician:* Louisiana, North Carolina. *Journeyman Electrician:* Alaska, Arkansas, Idaho, Montana, Nebraska, New Mexico, Oklahoma, South Dakota, and Wyoming.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Design, install, erect, repair, or alter electrical wires or conductors to be used for light, heat, power, or signaling purposes.	2020	\$78	\$110	\$110
Electrical Sign Contractor	Design, manufacture, install, connect, reconnect, or service an electric sign, cold cathode, neon gas tubing, or outline gas tubing, or alter electric sign wiring or conductors either inside or outside a building.	2020	\$78	\$110	\$110
Master Electrician	On behalf of an electrical contractor, electrical sign contractor, or employing governmental entity, installs, maintains, or extends an electrical wiring system and the appurtenances, apparatus, or equipment used in connection with the use of electrical energy in, on, or outside, or attached to a building, residence, structure, property, or premises. Includes service entrance conductors as defined by the National Electrical Code.	2020	\$78	\$45	\$45
Journeyman Electrician	Under the general supervision of a master electrician, on behalf of an electrical contractor, or employing governmental entity, install, maintain, or extend an electrical wiring and the appurtenances, apparatus, or equipment used in connection with the use of electrical energy in, on, or outside, or attached to a building, residence, structure, property, or premises. Includes service entrance contractors as defined by the National Electrical Code.	2020	\$78	\$30	\$30
Master Sign Electrician	On behalf of an electrical sign contractor, design, manufacture, install, connect, reconnect, or service an electric sign, cold cathode, neon gas tubing, or outline gas tubing, or alter electric sign wiring or conductors either inside or outside a building.	2020	\$64	\$45	\$45
Journeyman Sign Electrician	Working under the general supervision of a master electrician or a master sign electrician, on behalf of an electrical sign contractor, design, manufacture, install, connect, reconnect, or service an electric sign, cold cathode, neon gas tubing, or outline gas tubing, or alter electric sign wiring or conductors either inside or outside a building.	2020	\$64	\$30	\$30
Residential Fire Alarm Planning Superintendent (RAS)	A registered firm that employs a licensed Residential Fire Alarm Planning Superintendent is permitted to sell, plan, install, certify, service, and monitor all types of fire alarm or detection devices or systems. Residential.	2020		\$120	\$200
Commercial Fire Alarm Technician (FAL)	A registered firm that employs a licensed Commercial Fire Alarm Technician is permitted to sell, install, certify, service, and monitor all types of fire alarm or detection devices or systems. Planning must be done by another type of qualified firm.	2020		\$120	\$200

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Residential Fire Alarm Technician	A registered firm that employs a licensed Residential Fire Alarm Technician is permitted to sell, install, certify, service, and monitor all types of fire alarm or detection devices or systems. Planning must be done by another type of qualified firm.	2020		\$120	\$200
Fire Alarm Monitoring Technician (AMT)	A registered firm that employs a licensed Fire Alarm Monitoring Technician is only permitted to monitor residential or commercial fire alarm or detection devices or systems.	2020		\$120	\$200

**Contact: Texas Electricians Licensing Program**

PO Box 12157  
Austin, TX 78711  
512.463.6599 f. 512.463.9468

**Texas Department of Public Safety**

5805 North Lamar Blvd  
Austin, TX 78752-4431  
512.463.6599 f. 512.463.9468

**Texas State Fire Marshal**

500 James Robertson Parkway  
512.676.6800

**Email:** [FMLicensing@tdi.texas.gov](mailto:FMLicensing@tdi.texas.gov)

**Texas Online Private Security (TOPS)**

**Website:** <https://www.dps.texas.gov/section/private-security/licensing-and-registration>



**Alarm System Requirements:** A statewide license is required for an Alarm Business or Company defined as a person engaged in the sale, installation, maintenance, alteration, repair, replacement, servicing, or monitoring of an alarm system. “Alarm system” means equipment and devices assembled for the purpose of: (a) detecting and signaling unauthorized intrusion or entry into or onto certain premises; or (b) signaling a robbery or attempted robbery on protected premises.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for electrical work: Installation, fabrication, or assembly of equipment or systems included in premises wiring; includes the installation of raceway systems used for electrical purpose and the installation of field-assembled systems, such as ice and snow melting, pipe-tracing, or manufactured wiring systems.

**Low-Voltage/Limited-Energy Requirements:** Electrical trade does not include:

- Transporting or handling electrical materials;
- Preparing clearance for raceways or wiring;
- Work commonly done by unskilled labor on any installations under the exclusive control of electrical utilities;
- Work involving cable-type wiring that does not pose a shock or fire-initiation hazard; or
- Work involving Class 2 or Class 3 power-limited circuits as defined in the National Electrical Code.

**Reciprocity:** *Journeyman Electrician:* Alabama, Alaska, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Hawaii, Idaho, Iowa, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Dakota, Oklahoma, Oregon, Rhode Island, South Dakota, Texas, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. *Master Electrician:* Alaska, Arkansas, Colorado, Delaware, District of Columbia, Hawaii, Idaho, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Montana, Nebraska, New Hampshire, North Dakota, Oregon, Texas, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. *Residential Master:* Alaska, Arkansas, Delaware, Iowa, Nebraska, Minnesota, and Washington.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Plan, lay out, and supervise the wiring, installation, and repair of electrical apparatus and equipment for light, heat, power, and other purposes.	2020	\$78	\$110	\$68
Journeyman Electrician	Wire, install, and repair electrical apparatus and equipment for light, heat, power, and other purposes.	2020	\$78	\$110	\$68
Residential Master	Properly plan, lay out, and supervise the wiring, installation, and repair of electrical apparatus and equipment for light, heat, power, and other purposes on residential projects.	2020	\$78	\$110	\$68
Residential Journeyman	Wire, install, and repair electrical apparatus and equipment for light, heat, power, and other purposes on buildings using primarily nonmetallic sheath cable.	2020	\$78	\$110	\$68
Apprentice	Learning the electrical trade under the immediate supervision of a master electrician, residential master electrician, journeyman electrician, or residential journeyman electrician.	2020	\$78	\$110	\$68
Alarm Company	Sale, installation, maintenance, alteration, repair, replacement, servicing, or monitoring of an alarm system.	2020	\$78	\$330	\$208
Alarm Company Agent	Employed by an alarm company and engaged in the sale, installation, maintenance, alteration, repair, replacement, servicing, and monitoring of an alarm system.	2020	\$114	\$60	\$47

**Contact:** Division of Occupational and Professional Licensing  
 160 East 300 South  
 Salt Lake City, UT 84111  
 801.530.6628

## VERMONT

**Alarm System Requirements:** You must be licensed as a Master Electrician or Type S Journeyman Electrician to install, service, and maintain fire alarm systems. Security alarms/systems are regulated on the local level.

**Electrical Contractor/Electrician Requirements:** Statewide licensure is required for “electrical installation” defined as wires, fixtures, or apparatus installed in a complex structure or at the construction site of such structure for the transmission and use of commercially supplied or privately generated electrical energy.

**Low-Voltage/Limited-Energy Requirements:** Exemption: Installation, operation, repair, or wiring associated with telecommunications services and equipment used for the transmission of information by electricity, regardless of the location of such electrical installations, equipment, or facilities.

**Reciprocity:** The Vermont Division of Fire Safety currently has reciprocal agreements with Maine and New Hampshire.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Master Electrician	Design, install, repair, maintain, and replace electrical installations, including lightning rods, fire alarms, and fire detection systems as his or her principal business.	2017		\$150	\$150
Journeyman Electrician	Perform electrical installation under the direction of a master electrician and may supervise an apprentice electrician or an electrician’s helper.	2017		\$115	\$115
Type S Journeyman Electrician	Commercial Fire alarm systems. (G7c) Electrical locksmith. (G7k)	2017		\$115/ field	\$115

**Contact:** Division of Fire Safety  
 45 State Drive  
 Waterbury, VT 05671  
 802.479.7564

**Email:** [DPS.DFSLicensing@vermont.gov](mailto:DPS.DFSLicensing@vermont.gov)





**Alarm System Requirements:** A statewide license is required for an Electronic Security Business: Install, service, maintain, design, or consult in the design of any electronic security equipment to an end user; respond to or cause a response to electronic security equipment for an end user; or have access to confidential information concerning the design, extent, status, password, contact list, or location of an end user’s electronic security equipment. An Electronic Security Technician is an individual who installs, services, maintains, or repairs electronic security equipment.

**Electrical Contractor/Electrician Requirements:** A statewide license for the Electrical Contractor classification of Electrician: consists of, but is not limited to, the following: (i) planning and layout of details for installation or modifications of electrical apparatus and controls including preparation of sketches showing location of wiring and equipment; (ii) measuring, cutting, bending, threading, assembling, and installing electrical conduits; (iii) performing maintenance on electrical systems and apparatus; (iv) observation of installed systems or apparatus to detect hazards and need for adjustments, relocation, or replacement; and (v) repairing faulty systems or apparatus. You may be licensed as a Class A, B, or C electrical contractor. The Board may require a master tradesman license as a condition of licensure for electrical, plumbing, and heating, ventilation, and air-conditioning contractors.

**Low-Voltage/Limited-Energy Requirements:** *Exemption:* Any person who is licensed as a private security service business shall not be required to be licensed or certified to engage in, contracting work in the Commonwealth when bidding upon or performing services to install, service, maintain, design, or consult in the design of any electronic security equipment, including, but not limited to, limited-energy cabling, network cabling, and computer or systems integration.

**Reciprocity:** The Virginia Department of Professional and Occupational Regulation currently has reciprocal agreements with Alabama, District of Columbia, Kentucky, Maryland, North Carolina, and West Virginia.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Class A Contractor	Perform or manage construction, removal, repair, or improvements when (i) the total value referred to in a single contract or project is \$120,000 or more, (ii) the total value of all such construction, removal, repair, or improvements undertaken by such person with any 12-month period is \$750,000 or more.	2017	\$85	\$385	\$290
Class B Contractor	Perform or manage construction, removal, repair, or improvements when (i) the total value referred to in a single contract or project is \$10,000 or more, but less than \$120,000, (ii) the total value of all such construction, removal, repair, or improvements undertaken by such person with any 12-month period is \$150,000 or more, but less than \$750,000.	2017	\$85	\$370	\$275
Class C Contractor	Perform or manage construction, removal, repair, or improvement when (i) the total value referred to in a single contract or project is over \$1,000 but less than \$10,000, (ii) the total value of all such construction, removal, repair, improvements undertaken by such person within any 12-month period is less than \$150,000.	2017	\$85	\$235	\$245
Master Tradesman	Plan and lay out the details for installation and supervise the work of installing, repairing, and maintaining specific types of materials and equipment.	2017	\$125	\$130	
Journeyman Tradesman	Install, repair, and maintain specific types of materials and equipment.	2017	\$100	\$130	
Electronic Security Business	(Above)	2017	N/A	\$800	
Electronic Security Technician	(Above)	2017			
Locksmith	Sells, services, rebuilds, repairs, rekeys, repins, changes the combination to an electrical or mechanical locking device; programs either keys to a device or the device to accept electronic controlled keys; originates keys for locks or copies keys; adjusts or installs locks or deadbolts, mechanical or electronic locking devices, egress control devices, safes, and vaults; opening, defeating, or bypassing locks or latching mechanisms in a manner other than intended by manufacturer.	2017		\$800	

**Contact:** Department of Professional and Occupational Regulation  
 9660 Mayland Drive  
 Richmond, VA 23233  
 804.367.8511

Department of Criminal Justice Services  
 1100 Bank Street  
 Richmond, VA 23219  
 804.786.4000

**Alarm System Requirements:** A statewide Low-Voltage Specialty Electrical Contractor license is required for fire alarm systems. “Fire alarm system” means electrically operated circuits, instruments, and devices, including the necessary electrical sources, designed to transmit alarms, supervisory signals, and trouble signals necessary for the protection of life and property.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for Class A and Class B Basic Electrical Work: (A) Replacement of a contractor, relay, timer, starter, circuit board, or similar control component; household appliance; circuit breaker; fuse; residential luminaire; lamp; snap switch; dimmer; receptacle outlet; thermostat; heating element; luminaire ballast with an exact same ballast; 10 horsepower or smaller motor; or wiring, appliance, devices or equipment as specified by rule. (B) Work other than Class A that requires minimal electrical circuit modifications and has limited exposure to hazards. Includes: extensions of not more than one branch electrical circuit limited to 120 volts and 20 amps each where no cover inspection is necessary, and the extension does not support more than two outlets.

**Low-Voltage/Limited-Energy Requirements:** A statewide Limited Energy Systems license is required to perform the installation of signaling and power limited circuits and related equipment. This includes the installation of telecommunications, HVAC/refrigeration limited energy wiring, fire protection signaling systems, intrusion alarms, energy management and control systems, industrial and automation control systems, lighting control systems, commercial and residential amplified sound, public address systems, and such similar low-energy circuits and equipment in all occupancies and locations.

**Reciprocity:** The Washington Electrical Program has a reciprocal agreement with Oregon.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Person, firm, partnership, corporation, or other entity that offers to undertake, undertakes, submits a bid for, or does the work of installing or maintaining wires or equipment that conveys electrical current.	2020	N/A	\$337.60	\$293.60 (Biannual)
Telecommunications Contractor	Person, firm, partnership, corporation, or other entity that advertises, offers to undertake, undertakes, submits a bid for, or does the work of installing or maintaining telecommunications systems.	2020	N/A	\$337.60	\$254.60 (Biannual)
Telecommunications Administrator	Person designated by a telecommunications contractor to supervise the installation of telecommunications systems.	2020		\$44	\$96.40
Master Journey Level Electrician	May be designated by an electrical contractor to supervise electrical work and electricians.	2020	\$175	\$169.80	\$145.80
Master Specialty Electrician	(Same as above but in specialty fields)	2020	\$175	\$169.80	\$145.80
Electrician	Install or maintain electrical wires and equipment that is used for light, heat, or power and installing and maintaining remote control, signaling, power limited, or communications circuits. (May specialize)	2020	\$95.20		
Sign Electrician (04)	Limited to placement and connection of signs and outline lighting, the electrical supply, related telecommunications controls, and associated circuit extensions thereto; and the installation of a maximum 60 ampere, 120/240-volt single phase service to supply power to a remote sign only. This specialty may service, maintain, repair, or install retrofit kits within housings of existing exterior luminaires that are mounted on a pole or other structure with like-in-kind or retrofit kit components.	2020	\$95.20		
Limited Energy Systems (06)	(Above)	2020	\$95.20		
Telecommunications Specialty (09)	Limited to the installation, maintenance, and testing of telecommunications systems, equipment, and associated hardware, pathway systems, and cable management systems.	2020	\$95.20		
Door, Gate, and Similar Systems (10)	Install, service, maintain, repair, or replace door/gate/similar systems electrical operator wiring and equipment. Includes low-voltage/limited-energy, NEC Class 2 door/gate/similar systems, electrical operator systems where the systems are not connected to other systems.	2020	\$84.90		

**Contact:** Washington Electrical Program  
 PO Box 44460  
 Olympia, WA 98504  
 360.902.5799 f. 360.902.5792

**Email:** [ElectricalProgram@LNI.wa.gov](mailto:ElectricalProgram@LNI.wa.gov)



**Alarm System Requirements:** A statewide specialty Low-Voltage/Limited-Energy electrician license is required for Fire and Burglar Alarm Systems.

**Electrical Contractor/Electrician Requirements:** A statewide license is required for “Electrical Contractor” defined as a person who installs, erects, repairs, or alters electrical equipment for the generation, transmission, or utilization of electrical energy.

**Low-Voltage/Limited-Energy Requirements:** A statewide specialty low-voltage electrician license (SP-LV) (Fire and Burglar Alarm Systems) which authorizes the licensee to install, maintain, or repair only limited energy wiring, 80 volts or less, and directly related wiring. Wiring is directly related if it: (A) originates at the load-side terminals of a disconnecting means or junction box that: (a) has been installed, complete with line-side connections, by others for the specific purpose of supply the limited energy wiring system involved; and (b) is permanently and legibly marked to identify the limited energy wiring system supplied; and (B) is not installed in a location considered as hazardous under the National Electrical Code.

**Reciprocity:** *Contractor:* North Carolina, Ohio, and Tennessee. *Electrical:* All 50 states with “letter of good standing” and possesses minimum West Virginia licensure requirements.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2020	\$47.50	\$90	\$90
Master Electrician	Person with at least 5 years of experience, including experience in all phases of electrical wiring and installation, who is competent to instruct and supervise the electrical work of Journeymen and Apprentice Electricians.	2020	\$25	\$50	\$50
Journeyman	Person qualified by at least 4 years of electrical and work experience to do any work installing wires, conduits, apparatus, equipment, fixtures, and other appliances subject to supervision by a master electrician.	2020	\$25	\$50	\$50
Specialty Low-Voltage Electrician (SP-LV)	Authorizes the licensee to install, maintain, or repair only Low-Voltage/Limited-Energy wiring, 80 volts or less, and directly related wiring (includes fire and burglar alarm systems).	2020	\$25	\$50	\$50
Specialty Electric Sign (SP-ES)	Authorized licensee to install, maintain, or repair electric wiring or devices only as an incident to the licensee’s electric sign business. Wiring must be directly related to electric signs and is electronically isolated from the building wiring system.	2020	\$25	\$50	\$50

**Contact:** **West Virginia Contractor Licensing Board**  
1900 Kanawha Boulevard East  
Charleston, WV 25305  
304.558.7890

**Regulatory and Licensing Division**  
1207 Quarrier Street, 2nd Floor  
Charleston, WV 25301  
304.558.2191 (ext. 20778) f. 304.558.2537

**Alarm System Requirements:** There is no statewide license requirement. Fire and security systems are regulated on a local level.

**Electrical Contractor/Electrician Requirements:** Statewide licensure is required for the business of installing, repairing, or maintaining electrical wiring. “Electrical wiring” means all equipment, wiring, material, fittings, devices, appliances, fixtures, and apparatus used for the production, modification, regulation, control, distribution, utilization, or safeguarding of electrical energy for mechanical, chemical, cosmetic, heating, lighting, or similar purposes, as specified under the state electrical wiring code.

**Low-Voltage/Limited-Energy Requirements:** There is no statewide limited energy license. It specifically states a person engaged in installing, repairing, or maintaining equipment or systems that operate at 100 volts or less is exempt from electrical licensing.

**Reciprocity:** The Wisconsin Department of Safety and Professional Services has a reciprocal agreement with Iowa.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	Owner of a contracting business, a partner in a contracting business applying on behalf of a partnership, or the chairman of the board of Chief Executive Officer applying on behalf of the contracting cooperation, that can utilize licensed/registered individuals to construct, install, repair, or maintain electrical wiring.	2017	N/A	\$235	\$200 (Biennial)
Master Electrician	Installation, repair, or maintenance of electrical wiring	2017	\$30	\$235	\$200
Journeyman Electrician	Perform electrical wiring activities under the general supervision of a person who holds a license as a licensed Master Electrician or a registration as a Registered Master Electrician.	2017	\$30	\$135	\$100

**Contact:** Department of Safety and Professional Services  
 4822 Madison Yards Way  
 Madison, WI 53705  
 608.266.2112

**Alarm System Requirements:** A statewide license is required for alarm systems (LV-A).

**Electrical Contractor/Electrician Requirements:** A statewide license is required for any person who contracts with another or contracts services to plan, lay out, and supervise the installation of electric equipment. This includes installing, altering, and repairing the wiring of apparatus equipment and conductors subject to the National Electrical Code.

**Low-Voltage/Limited-Energy Requirements:** A statewide Low-Voltage Apprentice or Technician license is required for a variety of systems operating at 90 volts or less, including: All categories (LV-G); Alarm Systems (LV-A); Communication Systems (LV-C); Sound Systems (LV-S); Television and Satellite Systems (LV-T); Control Systems (LV-X); and Lawn Sprinkler Systems (LV-LS). *Exemptions:* cable TV, satellite TV, and telecommunications, including data and related services of cable TV, satellite TV, and telecommunications.

**Reciprocity:** *Journeyman Electrician:* Alaska, Arkansas, Colorado, Idaho, Iowa, Maine, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, and Texas. *Master Electrician:* Idaho, Iowa, and South Dakota.

License Type	Description	NEC Version	Exam Fee	License Fee	Biennial Renewal Fee
Electrical Contractor	(Above)	2023		\$400	\$400 (Annual)
Master Electrician	8 years of experience in the electrical wiring industry and can plan, lay out, and supervise the installation of electric equipment.	2023		\$200	\$100
Journeyman Electrician	4 years of experience in the electrical wiring industry and can install and supervise the installation of electrical equipment.	2023		\$100	\$50
Limited/Low-Voltage	Contract with another to plan, lay out, and supervise the installation of electrical equipment.	2023		\$200	\$200 (Annual)
Low-Voltage Technician	2 years of experience in the portion of the electrical industry covered by his Low-Voltage/Limited-Energy license and can install and supervise the installations of electrical equipment.	2023		\$100	\$50

**Contact:** **Department of Fire Prevention and Electrical Safety**  
 320 West 25th Street, 3rd Floor  
 Cheyenne, WY 82002  
 302.777.7288

# STATE LICENSING QUICK REFERENCE GUIDE

State	Alarm Security Requirements	Electrician/Contractor Requirements	Low-Voltage Requirements
Alabama	X	X	X
Alaska	X	X	X
Arizona	X	X	X
Arkansas	X	X	
California	X	X	X
Colorado		X	
Connecticut	X	X	X
Delaware	X	X	
District of Columbia	X	X	X
Florida	X	X	X
Georgia	X	X	X
Hawaii	X	X	X
Idaho	X	X	X
Illinois	X	Local	Local
Indiana	Local	Local	Local
Iowa	X	X	
Kansas	Local	Local	Local
Kentucky	Local	X	Local
Louisiana	X	X	X
Maine	X	X	X
Maryland	X	X	Local
Massachusetts	X	X	X
Michigan	X	X	X
Minnesota	X	X	X
Mississippi	X	X	X
Missouri		X	
Montana	X	X	
Nebraska	X	X	X
Nevada	X	X	X
New Hampshire	Voluntary	X	X
New Jersey	X	X	X
New Mexico	X	X	X
New York	X	Local	Local
North Carolina	X	X	X
North Dakota	X	X	
Ohio	X	X	
Oklahoma	X	X	X
Oregon	X	X	X
Pennsylvania	Local	Local	Local
Rhode Island	X	X	X
South Carolina	X	X	
South Dakota	X	X	
Tennessee	X	X	X
Texas	X	X	
Utah	X	X	
Vermont	X	X	
Virginia	X	X	
Washington	X	X	X
West Virginia	X	X	X
Wisconsin	Local	X	
Wyoming	X	X	X





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