

Statutes and Regulations **Electrical** **Administrators**

May 2009

(Centralized Statutes and Regulations not included)



DEPARTMENT OF COMMERCE, COMMUNITY,
AND ECONOMIC DEVELOPMENT

***DIVISION OF CORPORATIONS, BUSINESS
AND PROFESSIONAL LICENSING***

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**CHAPTER 40.
ELECTRICAL ADMINISTRATORS.**

Article

- 1. Licensing and Regulation of Electrical Administrators (§§ 08.40.005 – 08.40.200)**

**ARTICLE 1.
LICENSING AND REGULATION OF
ELECTRICAL ADMINISTRATORS.**

Section

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Sec. 08.40.005. Purpose of AS 08.40.005 - 08.40.200. The purpose of AS 08.40.005 - 08.40.200 is to protect the safety of people and property in the state from the danger of improperly installed electrical wiring and equipment, by providing a procedure to assure

- (1) the public that persons responsible for making electrical installations in this state are qualified; and
- (2) a sufficient number of persons are so qualified.

Sec. 08.40.045. Categories of licenses. The department may adopt regulations establishing categories of electrical administrators, qualifications for those categories, and the content of examinations for applicants for each category.

Sec. 08.40.050. Regulations. The department shall adopt regulations subject to AS 44.62 (Administrative Procedure Act), relating to the examination and licensing of electrical administrators and the establishing of the continued competency of an applicant for license renewal and reinstatement.

Sec. 08.40.060. Examinations. A licensing examination shall be offered by the department at least twice during each year at appropriate places in the state.

Sec. 08.40.070. Inspection or investigation by department. The department may make or have made a special inspection or investigation into the work of a licensee that it considers necessary, may issue subpoenas and process compelling the attendance of any person and the production of any papers or books, for the purpose of the investigation and examination, may administer oaths when required, and may petition a court of the state to enforce subpoenas and process or to compel testimony.

Sec. 08.40.090. License required. (a) A person may not act as an electrical administrator in the state without a license issued by the department unless the person is covered by an exclusion under AS 08.40.190.

(b) A person licensed under AS 08.40.005 - 08.40.200 may perform work only in a category for which the person is licensed.

Sec. 08.40.110. Application for license. An applicant for a license shall apply upon a form prescribed by the department.

Sec. 08.40.120. Examination of applicant. (a) Each applicant shall be examined to determine the applicant's

- (1) ability to understand plans, design specifications, and engineering terms commonly used in the electrical field;
- (2) knowledge of electrical installations and wiring;
- (3) familiarity with the regulations contained in the National Electrical Code and the National Electrical Safety Code, as approved by the American Standards Association;
- (4) familiarity with other installation and safety regulations approved by the American Standards Association;
- (5) *repealed*;
- (6) personal skill and ability.

(b) If an applicant for a license submits proof satisfactory to the department that the applicant is licensed as an electrical administrator or the equivalent by another state or territory, that the applicant meets qualifications established by the department under AS 08.40.045, and that the applicant has passed an examination equivalent to the test administered under (a) of this section, the department shall waive all of the examination required under (a) of this section.

Sec. 08.40.130. Administrator limited to one registered contractor. A person may not qualify for or operate as an electrical administrator for more than one registered contractor.

Sec. 08.40.135. Renewal and reinstatement. (a) A license issued under AS 08.40.005 - 08.40.200 is nontransferable and, unless revoked or suspended, may be renewed on a date set by the department upon proof of continued competency.

(b) A lapsed license may be reinstated upon proof of continued competency and by payment of all unpaid renewal fees and any penalty fee established under AS 08.01.100(b), unless the license has been lapsed for more than two years. If a person's license has been lapsed for more than two years, the person is required to take an examination under AS 08.40.120.

Sec. 08.40.140. Issuance and possession of license. An applicant who successfully passes the examination shall receive a license. The licensee shall have the license in immediate possession at all times when performing activities for which the license is required and shall present the license for inspection upon the demand of an authorized representative of the department identified as such to the licensee by the representative.

Sec. 08.40.150. Fees. Each applicant and each licensee shall pay application and renewal fees established by regulations adopted under AS 08.01.065.

Sec. 08.40.170. Disciplinary actions. (a) The department may take the disciplinary actions set out in (d) of this section upon a finding that

- (1) the license application is fraudulent or misleading;
- (2) the licensee has knowingly violated AS 08.40.005 - 08.40.200, the minimum electrical standards established under AS 18.60.580 - 18.60.590, or a lawful order or regulation of the department;
- (3) the licensee is incompetent, or has engaged in fraudulent practices.

(b) Notice of a proposed disciplinary action under this section shall be given in writing, stating the grounds.

(c) Proceedings for a disciplinary action under this section shall be governed by AS 44.62 (Administrative Procedure Act).

(d) The department may take the following disciplinary actions under (a) of this section, singly or in combination:

- (1) refuse to issue a license;
- (2) permanently revoke a license;
- (3) suspend a license for a specified period;
- (4) censure or reprimand a licensee;
- (5) impose limitations or conditions on the professional practice of a licensee;
- (6) require a licensee to submit to peer review;
- (7) impose requirements for remedial professional education to correct deficiencies in the education, training, and skill of the licensee;
- (8) impose probation requiring a licensee to report regularly to the department on matters related to the grounds for probation.

(e) The department may withdraw probationary status if the deficiencies that required the sanction are remedied.

(f) The department may summarily suspend a license before a final hearing is held or during an appeal if the department finds that the licensee poses a clear and immediate danger to the public health and safety. A person is entitled to a hearing before the department to appeal the summary suspension within seven days after the order of suspension is issued. A person may appeal an adverse decision of the department on an appeal of a summary suspension to a court of competent jurisdiction.

(g) The department may reinstate a suspended or revoked license if, after a hearing, the department finds that the licensee is able to practice the profession with skill and safety.

(h) The department may accept the voluntary surrender of a license. A license may not be returned to the person who surrendered the license unless the department determines that the person is competent to resume practice and the person pays the appropriate renewal fee.

(i) The department shall seek consistency in the application of disciplinary sanctions. The department shall explain a significant departure from prior decisions involving similar facts in the order imposing the sanction.

Sec. 08.40.175. Cease and desist order. (a) If the department determines that a person is acting as an electrical administrator in violation of AS 08.40.005 - 08.40.200, the department may issue a cease and desist order prohibiting further action by the person as an electrical administrator. The cease and desist order remains in effect until the person has submitted evidence acceptable to the department showing that the violation has been corrected.

(b) A person affected by an order issued under (a) of this section may seek equitable relief preventing the department from enforcing the order.

Sec. 08.40.178. Injunctive relief. The department may seek an injunction in the superior court to enjoin a person from violating AS 08.40.005 - 08.40.200.

Sec. 08.40.180. Violation of AS 08.40.005 - 08.40.200. A person who knowingly violates AS 08.40.005 - 08.40.200, or who knowingly violates a valid regulation or order of the department or a minimum electrical standard established under AS 18.60.580 - 18.60.590 that was in effect at the time that the installation or repair was made, is guilty of a misdemeanor, and upon conviction is punishable by a fine of not more than \$5,000.

Sec. 08.40.190. Exclusions. (a) AS 08.40.005 - 08.40.200 does not apply to any utility or municipality engaged in

(1) electrical construction and maintenance of electrical wiring for the generation and distribution of electrical current where the wiring is an integral part of a system owned and operated by that utility or municipal light and power department;

(2) the installation, operation, maintenance, or repair of telephone, telegraph, signal or communication systems when the work is performed by the employees of that utility.

(b) AS 08.40.005 - 08.40.200 does not apply to a person engaged in

(1) the manufacture, maintenance, or repair of electrical apparatus or equipment;

(2) electrical work, the cost of which does not exceed \$5,000, involving residences or small commercial establishments in communities that

(A) have a population of under 500 according to the latest available federal or state census or other census approved by the Department of Commerce, Community, and Economic Development; or

(B) are over 50 miles by air or water transportation from the business place of an electrical administrator licensed under AS 08.40.010 - 08.40.200;

(3) electrical installation on residential property that is owned by the installer or a member of the installer's immediate family and not intended for sale at the time of making the installation;

(4) the operation, maintenance, or repair of a television or radio broadcasting system and the installation of a radio broadcasting system under 500 watts input power except for A.C. power supply and wiring;

(5) the installation, maintenance, and repair of elevators so long as the work is performed by an agent or employee of the elevator industry and is confined to the elevator control system, which system does not include the power supply, wiring, and motor connection;

(6) the operation, maintenance, and repair of telephone, telegraph, and intercommunication facilities;

(7) the installation, maintenance, and repair of fire alarm, intrusion alarm, or other low voltage signaling systems of 48 volts to ground or less;

(8) the maintenance or repair of diesel electric engines installed on heavy construction equipment, either in a shop or on a job site;

(9) the installation in a commercial water well of the submersible pump motor and the wiring to the well pump system controls if the controls are outside a building or a structure;

(10) the installation in a noncommercial water well of the submersible pump motor and the wiring to the well pump system controls;

(11) electrical maintenance or repair work if the work is performed by the person as an employee of an owner or tenant of commercial property as part of the employee's work duties with respect to the property but is not offered or performed as a service to the public.

(c) Work within the exclusionary provisions of this section is nevertheless subject to the inspection provisions of AS 08.40.070 and must follow the regulations adopted by the department, other than regulations requiring licensure for the work.

Sec. 08.40.195. Personal supervision. A person licensed under AS 08.40.005 - 08.40.200 as an electrical administrator who is responsible for the installation or repair of electrical wiring, conduits, devices, fixtures, equipment, or other electrical materials for transmitting, using, or consuming electrical energy or who is responsible for certifying that the installation or repair complies with applicable electrical codes shall personally inspect those

materials after installation and repair unless the installation or repair amounts to simple or highly standardized work performed in less than 24 man hours by personnel generally under the supervision of the electrical administrator.

Sec. 08.40.200. Definitions. In AS 08.40.005 - 08.40.200,

- (1) “department” means the Department of Commerce, Community, and Economic Development;
- (2) “electrical administrator” means a person who is responsible for
 - (A) installing or repairing electrical wiring, conduits, devices, fixtures, equipment, or other electrical materials for transmitting, using or consuming electrical energy; or
 - (B) certifying that an installation or repair described in (A) of this paragraph complies with applicable electrical codes;
- (3) “electrical wiring” means and includes wiring, fixtures, conduits, appliances, devices, equipment, overhead or underground wiring systems, or other equipment in connection with the general distribution or utilization of electrical energy;
- (4) “manufacture” means fabrication or completion of a product or electrical apparatus exclusive of its completion or installation at a job site;
- (5) “utility” means every corporation (whether public, cooperative or otherwise), company, individual, or association of individuals, their lessees, trustees, or receivers appointed by a court, that owns, operates, manages, or controls any plant or system for
 - (A) furnishing, by generation, transmission or distribution, electrical service to the public for compensation;
 - (B) furnishing telecommunications service to the public for compensation.

**CHAPTER 32.
ELECTRICAL ADMINISTRATORS.**

Article

- 1. Application and Examination Requirements**
(12 AAC 32.005 – 12 AAC 32.045)
- 2. Unlimited Linework Category**
(12 AAC 32.050 – 12 AAC 32.080)
- 3. Outside Communications Category**
(12 AAC 32.105 – 12 AAC 32.125)
- 4. Unlimited Commercial Wiring Category**
(12 AAC 32.145 – 12 AAC 32.165)
- 5. Inside Communications Category**
(12 AAC 32.175 – 12 AAC 32.195)
- 6. Residential Wiring Category**
(12 AAC 32.210 – 12 AAC 32.240)
- 7. Controls and Control Wiring Category**
(12 AAC 32.255 – 12 AAC 32.275)
- 8. Continuing Education**
(12 AAC 32.305 – 12 AAC 32.365)
- 9. (Deleted)**
- 10. General Provisions**
(12 AAC 32.903 – 12 AAC 32.995)

**ARTICLE 1.
APPLICATION AND EXAMINATION REQUIREMENTS.**

Section

- 05. (Repealed)**
- 10. (Repealed)**
- 15. Application for licensure by examination**
- 20. (Repealed)**
- 25. Application for licensure by credentials**
- 30. (Repealed)**
- 32. Addition of license categories**
- 35. License renewal**
- 40. (Repealed)**
- 45. (Repealed)**

12 AAC 32.005. TRANSITIONAL LICENSURE. *Repealed 1/22/2004.*

12 AAC 32.010. APPLICATION. *Repealed 7/28/77.*

12 AAC 32.015. APPLICATION FOR LICENSURE BY EXAMINATION. (a) A complete application for an electrical administrator license by examination consists of

- (1) a completed application, on a form provided by the department, that identifies the license category for which the applicant is applying;
- (2) the fees required in 12 AAC 02.210;
- (3) official transcripts from a college, university, or trade school attended by the applicant that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education if the applicant is submitting proof of completed education to qualify for a license; official transcripts must be sent directly to the department by that college, university, or trade school;
- (4) a complete resume detailing the applicant's education and experience in the license category for which the applicant is applying;
- (5) a notarized certificate in support of the applicant's experience, skills, and qualifications for licensure as an electrical administrator, sent directly to the department from each of three persons who
 - (A) are licensed in the electrical industry in any state in the category of electrical administrator license for which the applicant is applying; if the applicant is applying for an inside communications license under 12 AAC 32.175 or an outside communications license under 12 AAC 32.105, the persons must be employed in the electrical industry in any state in the license category for which the applicant is applying; and
 - (B) have direct personal knowledge of the applicant's work experience and qualifications; and

(6) verification that the applicant has obtained, within the 12 months immediately preceding the date of application, a score of at least 70 percent on the electrical administrator examination administered by Experior Assessments, LLC or other examination approved by the department.

(b) The department will, in its discretion, require additional documentation necessary to substantiate the experience and education claimed by an applicant before approving an applicant for licensure by examination.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050 AS 08.40.110 AS 08.40.150

Editor's note: Information on the electrical administrator examination referred to in 12 AAC 32.015 may be obtained from Experior Assessments, LLC, 2100 NW 53rd Avenue, Gainesville, Florida 32653; telephone: (800) 280-3926; e-mail: www.experioronline.com.

12 AAC 32.020. NOTIFICATION. *Repealed 7/28/77.*

12 AAC 32.025. APPLICATION FOR LICENSURE BY CREDENTIALS. (a) A complete application for an electrical administrator license by credentials consists of

(1) a completed application, on a form provided by the department, that identifies the license category for which the applicant is applying;

(2) the fees required in 12 AAC 02.210;

(3) verification of a current, active license from another state, sent directly to the department by the other state, that identifies any relevant license category;

(4) verification of an examination passed in another state, sent directly to the department by the other state, that is equivalent to the examination administered in this state;

(5) official transcripts from a college, university, or trade school attended by the applicant that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education if the applicant is submitting proof of completed education to qualify for a license; official transcripts must be sent directly to the department by that college, university, or trade school;

(6) a complete resumé detailing the applicant's education and experience in the license category for which the applicant is applying; and

(7) *repealed 11/26/94.*

(8) a notarized certificate in support of the applicant's experience, skills, and qualifications for licensure as an electrical administrator, sent directly to the department from each of three persons who

(A) are licensed in the electrical industry in any state in the category of electrical administrator license for which the applicant is applying; if the applicant is applying for an inside communications license under 12 AAC 32.175 or an outside communications license under 12 AAC 32.105, the persons must be employed in the electrical industry in any state in the license category for which the applicant is applying; and

(B) have direct personal knowledge of the applicant's work experience and qualifications.

(b) The department will, in its discretion, require additional documentation necessary to substantiate the experience and education claimed by an applicant before approving an applicant for licensure by credentials.

Authority: AS 08.40.045 AS 08.40.110 AS 08.40.150
AS 08.40.050 AS 08.40.120

12 AAC 32.030. EXAMINATIONS. *Repealed 7/28/77.*

12 AAC 32.032. ADDITION OF LICENSE CATEGORIES. A licensee may add a license category to an electrical administrator license by submitting the information required under 12 AAC 32.015(a) or 12 AAC 32.025(a) and passing the examination for the applicable license category.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050 AS 08.40.110

12 AAC 32.035. LICENSE RENEWAL. To renew an electrical administrator license, the licensee shall submit

(1) a renewal application on a form provided by the department;

(2) the fee established in 12 AAC 02.210; and

(3) evidence of compliance with the continuing education requirements of 12 AAC 32.305 - 12 AAC 32.365.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.135
AS 08.40.050 AS 08.40.110 AS 08.40.150

12 AAC 32.040. NOTIFICATION OF RESULTS. *Repealed 7/28/77.*

12 AAC 32.045. EXAMINATION. *Repealed 1/22/2004.*

ARTICLE 2.
UNLIMITED LINEWORK CATEGORY.

Section

- 50. (Repealed)
- 55. **Qualifications for an electrical administrator license in the unlimited linework category**
- 60. (Repealed)
- 65. **Examination for an electrical administrator license in the unlimited linework category**
- 70. (Repealed)
- 75. **Scope of an electrical administrator license in the unlimited linework category**
- 80. (Repealed)

12 AAC 32.050. REEXAMINATION. *Repealed 7/28/77.*

12 AAC 32.055. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED LINEWORK CATEGORY. An applicant for an electrical administrator license in the unlimited linework category shall furnish proof satisfactory to the department that the applicant has

(1) practical experience as a journeyman lineman in outside linework for at least four of the six years immediately before the date of application;

(2) construction management experience in outside linework as a field superintendent or similar position in outside linework for at least four of the six years immediately before the date of application;

(3) a degree in electrical engineering from a nationally or regionally accredited college or university plus practical experience as a journeyman lineman or field engineer in outside linework for at least one of the three years immediately before the date of application;

(4) a registration in the state as a professional electrical engineer plus management experience in the electrical construction industry as a field engineer or in a similar engineering position for at least one of the three years immediately before the date of application; or

(5) experience as a journeyman lineman in outside linework for three of the six years immediately before the date of application and

(A) one year of experience during those six years as a certified electrical inspector for a state or municipality;

(B) one year of experience during those six years as a full-time electrical instructor at a college, university, or trade school that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education; or

(C) completion of a curriculum that the division determines is related to outside linework at a college, university, or trade school that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050

12 AAC 32.060. FAILURE TO APPEAR FOR EXAMINATION. *Repealed 7/28/77.*

12 AAC 32.065. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED LINEWORK CATEGORY. An applicant for an electrical administrator license in the unlimited linework category will be examined to determine the

(1) applicant's knowledge of outside linework and outside communications;

(2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and the National Electrical Safety Code, as approved by the American National Standards Institute, other applicable installation and safety regulations approved by the American National Standards Institute; and

(3) practical skill and ability in outside linework and outside communications.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120
AS 08.40.050

12 AAC 32.070. ISSUANCE OF LICENSE. *Repealed 7/28/77.*

12 AAC 32.075. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED LINEWORK CATEGORY. (a) The holder of an electrical administrator license in the unlimited linework category may supervise, in accordance with AS 08.40.195,

(1) all outside linework defined in (b) of this section; and

(2) the work defined under the outside communications category in 12 AAC 32.125(b).

(b) Outside linework includes

(1) all work necessary to the assembling, installation, erection, operation, maintenance, or repair of all electrical apparatus, devices, wires, cables, supports, insulators, conductors, ducts, and raceways when they are part of distribution systems outside of buildings and are outside of property lines of any given property up to and including the primary side of transformers;

(2) all underground ducts and cables when they are part of a system of a distributing company or utility;

(3) all outdoor substations and electrical connections up to and including the setting of transformers and the connecting of the primary busses to them;

(4) all outdoor street lighting on public thoroughfares, roadways, and rights-of-way;

(5) all linework consisting of wood, concrete, metal, or substitutes for those materials; and

(6) all linework consisting of poles or towers, including wires, cables, or other apparatus supported by them.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

12 AAC 32.080. ADMINISTRATOR OF LICENSE. *Repealed 7/28/77.*

**ARTICLE 3.
OUTSIDE COMMUNICATIONS CATEGORY.**

Section

105. Qualifications for an electrical administrator license in the outside communications category

115. Examination for an electrical administrator license in the outside communications category

125. Scope of an electrical administrator license in the outside communications category

12 AAC 32.105. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE OUTSIDE COMMUNICATIONS CATEGORY. An applicant for an electrical administrator license in the outside communications category shall furnish proof satisfactory to the department that the applicant

(1) has practical experience as a journeyman in outside communications for at least two of the four years immediately before the date of application; or

(2) is a graduate of a college, university, or trade school in outside communications that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050

12 AAC 32.115. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE OUTSIDE COMMUNICATIONS CATEGORY. An applicant for an electrical administrator license in the outside communications category will be examined to determine the

(1) applicant's knowledge of outside communications;

(2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and the National Electrical Safety Code, as approved by the American National Standards Institute, other applicable installation and safety regulations approved by the American National Standards Institute; and

(3) practical skill and ability in outside communications.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120
AS 08.40.050

12 AAC 32.125. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE OUTSIDE COMMUNICATIONS CATEGORY. (a) The holder of an electrical administrator license in the outside communications category may supervise all work defined in (b) of this section in accordance with AS 08.40.195.

(b) Outside communications includes outside linework as defined in 12 AAC 32.075(b) but limited to the installation, operation, maintenance, and repair of telephone, telegraph, cable television, and intercommunication facilities, up to the first point of distribution or the first terminal inside of building or property lines.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

ARTICLE 4.
UNLIMITED COMMERCIAL WIRING CATEGORY.

Section

- 145. Qualifications for an electrical administrator license in the unlimited commercial wiring category**
- 155. Examination for an electrical administrator license in the unlimited commercial wiring category**
- 165. Scope of an electrical administrator license in the unlimited commercial wiring category**

12 AAC 32.145. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED COMMERCIAL WIRING CATEGORY. An applicant for an electrical administrator license in the unlimited commercial wiring category shall furnish proof satisfactory to the department that the applicant has

(1) practical experience as a journeyman electrician in inside commercial wiring for at least four of the six years immediately before the date of application;

(2) construction management experience in inside wiring as a field superintendent or similar position in inside wiring for at least four of the six years immediately before the date of application;

(3) a degree in electrical engineering from a nationally or regionally accredited college or university plus practical experience as a journeyman electrician or field engineer in inside commercial wiring for at least one of the three years immediately before the date of application;

(4) a registration in the state as a professional electrical engineer plus management experience in the electrical construction industry as a field engineer or in a similar position for at least one of the three years immediately before the date of application; or

(5) experience as a journeyman electrician in inside commercial wiring for three of the six years immediately before the date of application and

(A) one year of experience during those six years as a certified electrical inspector for a state or municipality;

(B) one year of experience during those six years as a full-time electrical instructor at a college, university, or trade school that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education; or

(C) completion of a curriculum that the division determines is related to inside commercial wiring at a college, university, or trade school that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050

12 AAC 32.155. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED COMMERCIAL WIRING CATEGORY. An applicant for an electrical administrator license in the unlimited commercial wiring category will be examined to determine the

(1) applicant's knowledge of commercial and residential inside wiring, inside communications, and low voltage control wiring;

(2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and other applicable installation and safety regulations approved by the American National Standards Institute; and

(3) practical skill and ability in commercial and residential inside wiring, inside communications, and low voltage control wiring.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120
AS 08.40.050

12 AAC 32.165. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE UNLIMITED COMMERCIAL WIRING CATEGORY. (a) The holder of an electrical administrator license in the unlimited commercial wiring category may supervise, in accordance with AS 08.40.195,

(1) all inside wiring work defined in (b) of this section;

(2) the work defined under the inside communications category in 12 AAC 32.195(b);

(3) the work defined under the residential wiring category in 12 AAC 32.235(b); and

(4) the work defined under the controls and control wiring category in 12 AAC 32.275(b).

(b) Inside wiring includes

(1) installation, construction, operation, maintenance, and repair of all electrical work subject to the National Electrical Code within buildings and within property lines of any given property, and beginning at the secondary side of the transformer or street lighting and traffic signalization on public thoroughfares, roadways, or rights-of-way; and

(2) work starting immediately after the first point of attachment of aerial or underground conductors to buildings or structures if aerial or underground wires or cables are used to provide power for buildings or structures within the property lines of any given property.

(c) Unlimited commercial wiring does not include

- (1) linework consisting of poles and towers, including the wires, cables, and other apparatus supported by them; and
- (2) outdoor substations or other work defined under the unlimited linework category.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

**ARTICLE 5.
INSIDE COMMUNICATIONS CATEGORY.**

Section

- 175. Qualifications for an electrical administrator license in the inside communications category**
- 185. Examination for an electrical administrator license in the inside communications category**
- 195. Scope of an electrical administrator license in the inside communications category**

12 AAC 32.175. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE INSIDE COMMUNICATIONS CATEGORY. An applicant for an electrical administrator license in the inside communications category shall furnish proof satisfactory to the department that the applicant

(1) has practical experience as a journeyman in inside communications for at least two of the four years immediately before the date of application; or

(2) is a graduate of a college, university, or trade school in inside communications that is nationally or regionally accredited or approved by the Alaska Commission on Postsecondary Education.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050

12 AAC 32.185. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE INSIDE COMMUNICATIONS CATEGORY. An applicant for an electrical administrator license in the inside communications category will be examined to determine

(1) the applicant's knowledge of inside communications;

(2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and other applicable installation and safety regulations approved by the American National Standards Institute; and

(3) practical skill and ability in inside communications.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120
AS 08.40.050

12 AAC 32.195. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE INSIDE COMMUNICATIONS CATEGORY. (a) The holder of an electrical administrator license in the inside communications category may supervise all work defined in (b) of this section in accordance with AS 08.40.195.

(b) Inside communications includes work within the inside wiring jurisdiction but limited to the installation, operation, maintenance, and repair of telephone, telegraph, cable television, and intercommunication facilities, beginning at the first point of distribution or the first terminal inside of buildings or property lines.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

**ARTICLE 6.
RESIDENTIAL WIRING CATEGORY.**

Section

- 215. Qualifications for an electrical administrator license in the residential wiring category**
- 225. Examination for an electrical administrator license in the residential wiring category**
- 235. Scope of an electrical administrator license in the residential wiring category**
- 240. (Repealed)**

12 AAC 32.215. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE RESIDENTIAL WIRING CATEGORY. An applicant for an electrical administrator license in the residential wiring category shall furnish proof satisfactory to the department that the applicant has practical experience as a journeyman residential wireman for at least two of the four years immediately preceding the date of application.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120

12 AAC 32.225. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE RESIDENTIAL WIRING CATEGORY. An applicant for an electrical administrator license in the residential wiring category will be examined to determine the

- (1) applicant's knowledge of residential wiring;
- (2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and other applicable installation and safety regulations approved by the American National Standards Institute; and
- (3) practical skill and ability in residential wiring.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120
AS 08.40.050

12 AAC 32.235. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE RESIDENTIAL WIRING CATEGORY. (a) The holder of an electrical administrator license in the residential wiring category may supervise all work defined in (b) of this section, in accordance with AS 08.40.195, on a residential dwelling unit not exceeding three stories in height and no larger than a four-plex except three phase services and wiring.

(b) Residential wiring is limited to the residential occupancies described in (a) of this section, and includes

- (1) inside wiring work as defined in 12 AAC 32.165(b);
- (2) inside communications work as defined in 12 AAC 32.195(b); and
- (3) control and control wiring work as defined in 12 AAC 32.275(b).

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

12 AAC 32.240. EXAMINATION REVIEW. *Repealed 4/8/88.*

ARTICLE 7. CONTROLS AND CONTROL WIRING CATEGORY.

Section

- 255. Qualifications for an electrical administrator license in the controls and control wiring category**
- 260. (Repealed)**
- 265. Examination for an electrical administrator license in the controls and control wiring category**
- 270. (Repealed)**
- 275. Scope of an electrical administrator license in the controls and control wiring category**

12 AAC 32.255. QUALIFICATIONS FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE CONTROLS AND CONTROL WIRING CATEGORY. An applicant for an electrical administrator license in the controls and control wiring category shall furnish proof satisfactory to the department that the applicant is licensed as a mechanical administrator under AS 08.40 and 12 AAC 39 and has

- (1) practical experience as a journeyman installing low voltage controls of 48 volts or less for at least two of the four years immediately before the date of application;
- (2) construction management experience in low voltage control wiring as a field superintendent or similar position in low voltage control wiring for at least two of the four years immediately before the date of application; or
- (3) a registration in the state as an electrical or mechanical engineer plus management experience in the electrical or mechanical low voltage control wiring industry as a field engineer for at least one of the three years immediately before the date of application.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.120
AS 08.40.050

12 AAC 32.260. TIME AND PLACE FOR FILING APPLICATIONS. *Repealed 8/16/84.*

12 AAC 32.265. EXAMINATION FOR AN ELECTRICAL ADMINISTRATOR LICENSE IN THE CONTROLS AND CONTROL WIRING CATEGORY. An applicant for an electrical administrator license in the controls and control wiring category will be examined to determine the

- (1) applicant's knowledge of low voltage control wiring;
- (2) familiarity with the applicable portions of the regulations contained in the National Electrical Code and other applicable installation and safety regulations approved by the American National Standards Institute; and
- (3) practical skill and ability in low voltage control wiring.

Authority: AS 08.40.045 AS 08.40.060 AS 08.40.120

12 AAC 32.270. ORIGINAL LICENSE AND RENEWAL FEES. *Repealed 4/8/88.*

12 AAC 32.275. SCOPE OF AN ELECTRICAL ADMINISTRATOR LICENSE IN THE CONTROLS AND CONTROL WIRING CATEGORY. (a) The holder of an electrical administrator license in the controls and control wiring category may supervise all work defined in (b) of this section in accordance with AS 08.40.195.

(b) Controls and control wiring includes the installation of low voltage controls and control wiring of 48 volts or less for heating, plumbing, process piping, cooling, ventilating, humidifying, and refrigerating equipment. Nothing in this section limits the authority or responsibility of a mechanical administrator to ensure that the controls being installed or modified properly function as an integral part of the mechanical system.

(c) Controls and control wiring does not include the installation of power wiring.

Authority: AS 08.40.045 AS 08.40.090 AS 08.40.195
AS 08.40.050

**ARTICLE 8.
CONTINUING EDUCATION.**

Section

- 305. Purpose of continuing education**
- 315. Hours of continuing education required**
- 320. (Repealed)**
- 325. Approved workshops and courses**
- 335. Individual study**
- 345. Report of continuing education**
- 355. Waiver of continuing education requirements**
- 365. Edition of code acceptable for continuing education**

12 AAC 32.305. PURPOSE OF CONTINUING EDUCATION. The purpose of continuing electrical education is to ensure that the renewal of licenses is contingent upon proof of continued competency and assure the consumer of optimum quality and safety of electrical installation by requiring licensed electrical administrators to pursue education designed to include the current National Electrical Code and the current National Electrical Safety Code.

Authority: AS 08.40.050 AS 08.40.135

12 AAC 32.315. HOURS OF CONTINUING EDUCATION REQUIRED. (a) An applicant for renewal of an electrical administrator license shall document the satisfactory completion of the continuing education requirements in this section during the concluding licensing period, unless the licensee has passed a licensing examination based upon the appropriate code during the concluding licensing period.

(b) An applicant must satisfactorily complete at least one eight-hour continuing education workshop or an equivalent number of hours of a formal correspondence or individual study program approved by the department that covers the following codes applicable to each category of license held:

(1) the National Electrical Code adopted in AS 18.60.580 for renewal of an electrical administrator license in the categories of

- (A) inside communications;
- (B) unlimited commercial wiring;
- (C) controls and control wiring; and
- (D) residential wiring;

(2) the National Electrical Safety Code adopted in AS 18.60.580 for renewal of an electrical administrator license in the categories of

- (A) outside communications; and
- (B) unlimited linework.

Authority: AS 08.40.050 AS 08.40.135

12 AAC 32.320. APPROVED WORKSHOPS. *Repealed 4/8/88.*

12 AAC 32.325. APPROVED WORKSHOPS AND COURSES. (a) Except as provided in 12 AAC 32.365, to be approved by the department, a continuing education workshop must cover the edition of the National Electrical Code or National Electrical Safety Code adopted in AS 18.60.580.

(b) A continuing education workshop sponsored by an individual or organization not identified in (c) of this section must be individually approved by the department. The department will approve a continuing education workshop if

- (1) a description of the workshop and the number of hours of instruction are submitted to the department;
- (2) the department determines that the workshop meets the requirements in (a) of this section;
- (3) the workshop requires participants to register; and
- (4) satisfactory completion of the workshop is verifiable.

(c) A workshop sponsored by any of the following organizations that meets the requirements of (a) of this section is considered approved by the department:

- (1) Alaska Department of Labor and Workforce Development;
- (2) National Electrical Contractors Association;
- (3) National Fire Protection Association;
- (4) Independent Electrical Contractors, Inc.;
- (5) Institute of Electrical and Electronics Engineers, Inc.;
- (6) International Association of Electrical Inspectors; and
- (7) International Brotherhood of Electrical Workers.

(d) A course sponsored by or accepted by the Department of Labor and Workforce Development on the subjects described in 12 AAC 32.315(b) is approved by department.

Authority: AS 08.40.050 AS 08.40.135

12 AAC 32.335. INDIVIDUAL STUDY. To be approved by the department, a formal correspondence or other individual study program must require registration of the participants and must provide evidence of satisfactory completion of the program. The number of hours of continuing education credit awarded for the satisfactory completion of a formal correspondence or other individual study program will be determined by the department on an individual basis.

Authority: AS 08.40.050 AS 08.40.135

12 AAC 32.345. REPORT OF CONTINUING EDUCATION. (a) An applicant for renewal of a license under 12 AAC 32.035 shall submit, on a form provided by the department, a statement of the continuing education that the applicant satisfactorily completed to meet the requirements of 12 AAC 32.315. The statement must include the

- (1) name of the sponsoring organization;
- (2) location of the workshop or correspondent;
- (3) title or description of the workshop or both;
- (4) name of the principal instructor;
- (5) dates of attendance or period of correspondence; and
- (6) number of continuing education hours claimed.

(b) Falsification of any written evidence submitted to the department under this section is grounds for disciplinary action under AS 08.40.170.

Authority: AS 08.40.050 AS 08.40.135 AS 08.40.170

12 AAC 32.355. WAIVER OF CONTINUING EDUCATION REQUIREMENTS. A licensee unable to obtain the required continuing education hours for license renewal may request a waiver by explaining the circumstances in writing to the department. If the department determines that the licensee was prevented from complying with the continuing education requirements by circumstances beyond the control of the licensee, the department will, in its discretion, prescribe an alternative method of compliance with those requirements as it considers appropriate to the individual situation.

Authority: AS 08.40.050 AS 08.40.135

12 AAC 32.365. EDITION OF CODE ACCEPTABLE FOR CONTINUING EDUCATION. The department will, in its discretion, accept a course for continuing education credit that covers a more recent edition of the National Electrical Code or the National Electrical Safety Code than the edition adopted in AS 18.60.580 if the more recent edition of the code has been approved by the American National Standards Institute.

Authority: AS 08.40.050 AS 08.40.135

ARTICLE 9.
GENERAL PROVISIONS.
(Deleted January 1995)

**ARTICLE 10.
GENERAL PROVISIONS.**

Section

- 903. Supervision responsibility**
- 920. Change of employer or company affiliation**
- 930. Year of experience defined**
- 995. Definitions**

12 AAC 32.903. SUPERVISION RESPONSIBILITY. (a) A licensed electrical administrator is responsible for supervising all electrical work performed under that administrator's license in accordance with AS 08.40.195.

(b) Completion of work conducted under an electrical administrator's license constitutes certification by the administrator that work performed and materials used conform to applicable codes and standards.

(c) In compliance with AS 08.40.195, an electrical administrator shall maintain a record of supervised work on a form provided by the department. The electrical administrator must sign the certification statement on that form, verifying the administrator's supervision of any work for which the administrator had responsibility or control. An electrical administrator shall submit the records of supervised work upon request by the department and shall retain the records for a minimum of three years from the date the certification statement is signed.

Authority: AS 08.40.045 AS 08.40.050 AS 08.40.195

12 AAC 32.920. CHANGE OF EMPLOYER OR COMPANY AFFILIATION. A licensed electrical administrator shall notify the department in writing within 15 days after a change in electrical administration employment or company affiliation by submitting the change of employer or company affiliation fee established in 12 AAC 02.210 and a notarized statement that includes

- (1) the name of the previous company and the date employment or affiliation ended;
- (2) the name of the new company and the date employment or affiliation began;
- (3) the construction contractor license number for each company; and
- (4) the electrical administrator's license number.

Authority: AS 08.40.050 AS 08.40.130

12 AAC 32.930. YEAR OF EXPERIENCE DEFINED. In this chapter, a year of experience means that within a 12-consecutive-month period the applicant worked in a required field or position for at least 1,500 hours.

Authority: AS 08.40.045 AS 08.40.050

12 AAC 32.995. DEFINITIONS. In this chapter

- (1) "department" means the Department of Commerce, Community, and Economic Development;
- (2) "division" means the division of occupational licensing in the department;
- (3) "four-plex" means a building containing four dwelling units erected on a common foundation;
- (4) "low voltage signaling systems" means electrical circuits that supply no more than 48 volts to ground or less, to appliances that give a recognizable signal, such as doorbells, buzzers, code-calling systems, signal lights, and similar signal giving devices; the phrase does not include control circuits or control devices that direct the performance of any mechanical or electrical appliances that have a main power source greater than 48 volts to ground;
- (5) "National Electrical Code" is the code approved by the American National Standards Institute;
- (6) "National Electrical Safety Code" is the code issued by the United States Department of Commerce, Bureau of Standards;
- (7) "journeyman" means an individual who holds a certificate of fitness issued by the Department of Labor and Workforce Development under AS 18.62 or an equivalent certificate issued by another licensing jurisdiction;
- (8) *repealed 11/26/94.*

Authority: AS 08.40.045 AS 08.40.050

APPENDIX

SPECIAL PROVISIONS

Sec. 38, ch. 101, SLA 1994. Transition. (a) Notwithstanding AS 08.40, as amended by this Act, a person may act as an electrical administrator without a license issued under AS 08.40 until 30 days after the date of the first examination offered by the Department of Commerce, Community, and Economic Development for electrical administrators.

(b) Notwithstanding AS 08.40, as amended by this Act, a person may act as a mechanical administrator without a license issued under AS 08.40 until 30 days after the date of the first examination offered by the Department of Commerce, Community, and Economic Development for mechanical administrators.

(c) Notwithstanding AS 08.40, as amended by this Act, or the terms of a license, the license of an electrical or mechanical administrator that was valid until August 31, 1993, may be renewed, without the requirement of taking an examination or a requirement of proof of continued competency if the licensee applies for renewal of the license by two years after the effective date of this Act and pays the required fee.

(d) Litigation, hearings, investigations, and other proceedings pending under a law amended or repealed by this Act, or in connection with functions transferred by this Act, continue in effect and may be continued and completed notwithstanding a transfer or amendment or repeal provided for in this Act.

(e) Contracts, rights, liabilities and obligations created by or under a law amended or repealed by this Act and in effect on the effective date of this Act, remain in effect notwithstanding this Act's taking effect. Records, equipment, appropriations, and other property of agencies of the state whose functions are transferred under this Act shall be transferred to implement the provisions of this Act.

Editor's notes: The effective date of AS 08.40, as amended, was June 9, 1994. The first examination offered by the department was October 17, 1994.