

8 AAC 61.855(c) is amended to read:

(c) A person may submit an application for a certificate by mail, **electronic mail, or in person at the Mechanical Inspection office in Anchorage** [, OR IN PERSON AT ONE OF THE OCCUPATIONAL SAFETY AND HEALTH SECTION OFFICES OF THE DEPARTMENT].

8 AAC 61.855(d) is amended to read:

(d) A certificate issued under this section will be on a form provided by the department and will include the certificate's expiration date, the certificate holder's name and physical description, and **photograph** [SPACE FOR THE CERTIFICATE HOLDER'S SIGNATURE AND PHOTOGRAPH. THE CERTIFICATE IS NON-TRANSFERABLE, AND IS NOT VALID UNTIL SIGNED BY THE CERTIFICATE HOLDER AND THAT PERSON'S PHOTOGRAPH IS ATTACHED. HOWEVER, THE PHYSICAL DESCRIPTION OF THE CERTIFICATE HOLDER IS SUFFICIENT IF PHOTOGRAPHING FACILITIES ARE NOT AVAILABLE IN THE COMMUNITY IN WHICH THE CERTIFICATE HOLDER RESIDES].

The certificate is non-transferable.

(Eff. 5/14/89, Register 110; am 6/14/2006, Register 178; am 2/23/2011, Register 197; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.63.020 AS 18.63.060

8 AAC 70.025(a) is amended to read:

(a) The **2020 Edition of NFPA 70, National Electrical Code** [2017 Edition of NFPA 70, *National Electrical Code*], issued by the National Fire Protection Association on **August 5, 2019**

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[AUGUST 4, 2016], and approved by the American National Standards Institute on **August 25, 2019**, [AUGUST 24, 2016,] constitutes the minimum electrical code for the state and is adopted by reference.

(Eff. 4/27/96, Register 138; am 12/17/99, Register 152; am 9/25/2002, Register 163; am 6/14/2006, Register 178; am 9/27/2009, Register 187; am 10/16/2012, Register 204; am 10/23/2014, Register 212; am 3/6/2016, Register 217; am 5/9/2018, Register 226; am \_\_\_/\_\_\_/\_\_\_\_, Register \_\_\_\_)

**Authority:** AS 18.60.580 AS 18.60.600

8 AAC 90.110 is repealed and readopted to read:

**8 AAC 90.110. Application for certificate of fitness.** An individual may obtain an application for a certificate of fitness at any office of the division, by visiting the Mechanical Inspection website at <https://labor.alaska.gov/lss/mihome.htm>, or by writing to the director at the division's office in Anchorage. In addition to the requirements listed in this chapter, each applicant shall provide the applicant's social security number to the department. Upon request, the department will provide the social security number to the child support services agency created in AS 25.27.010, or the child support enforcement agency of another state, for child support enforcement purposes authorized under law. (Eff. 9/13/80, Register 75; am 6/14/84, Register 90; am 2/25/98, Register 148; am 11/17/99, Register 152; am \_\_\_/\_\_\_/\_\_\_\_, Register \_\_\_\_)

**Authority:** AS 18.62.020 AS 18.62.060 AS 25.27.244  
AS 18.62.050

**Editor's note:** The application described in 8 AAC 90.110 may be obtained by writing to Director, Division of Labor Standards and Safety, Department of Labor and Workforce Development, **1251 Muldoon Road, Suite 113, Anchorage, Alaska 99504** [P.O. BOX 21149, JUNEAU, ALASKA 99802-1149].

8 AAC 90.115(b) is amended to read:

(b) An applicant may request that an examination be given in a location that is not specified in (a) of this section by submitting a written request to the Anchorage office of the division. The department will **assist the applicant with obtaining examination services in the requested location if the department determines it can reasonably provide the resources to administer the examination in that location. The applicant is responsible for paying fees to third-party testing providers, when such a site is used for the examination.** [CONDUCT AN EXAMINATION IN THE REQUESTED LOCATION, IF THE DEPARTMENT DETERMINES IT CAN REASONABLY PROVIDE THE RESOURCES TO GIVE THE EXAMINATION IN THAT LOCATION.]

8 AAC 90.115 is amended by adding a new subsection to read:

(e) A person who fails to pass the examination within one year must submit a new application for testing and pay required application fees in accordance with AS 18.62.020 and AS 18.62.030. (Eff. 12.25.98, Register 148; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_\_)

**Authority:** AS 18.62.050 AS 18.62.070 AS 23.05.060

AS 18.62.060

**Editor’s note:** For the purposes of 8 AAC 90.115, the Anchorage office can be contacted at **Department of Labor and Workforce Development, Mechanical Inspection, 1251 Muldoon Road, Suite 113, Anchorage, AK 99504,** [MECHANICAL INSPECTION, DEPARTMENT OF LABOR, P.O. BOX 107020, 3301 EAGLE STREET, SUITE 301, ANCHORAGE, ALASKA 99510,] phone: (907) 269-4925.

8 AAC 90.130(2)(A) is amended to read:

(A) documented proof on a notarized form provided by the department, or by notarized statements on letterhead stationery from employers, that the applicant has a minimum of 8,000 hours of legally obtained work experience in work subject to **the standards established by the local authority having jurisdiction when those standards are at least as stringent as those** [STANDARDS] established in AS 18.60.705 and 8 AAC 63.010; or

(Eff. 9/13/80, Register 75; am 12/25/98, Register 148; am 11/1/2000, Register 156; am 9/27/2008, Register 187; am 5/9/2018, Register 226; am \_\_\_/\_\_\_/\_\_\_\_, Register \_\_\_\_)

**Authority:** AS 18.62.020 AS 18.62.050 AS 18.62.070  
AS 18.62.030 AS 18.62.060

8 AAC 90.140 is repealed and readopted to read:

**8 AAC 90.140. Plumber trainee certificate of fitness.** (a) A trainee certificate of fitness authorizes the holder to perform work subject to the standards established in AS 18.60.705 and performed under the conditions set out under this section.

(b) The department will issue a trainee certificate of fitness upon payment of the applicable fees required by AS 18.62.030 if the applicant submits documented proof of indenture in an apprentice plumber program accredited by the United States Department of Labor, Office of Apprenticeship.

(c) The ratio of individuals working under trainee certificates on a job site may not be more than two plumber trainees for every certified plumber journeyman.

(d) If the holder of a trainee certificate of fitness leaves the apprentice program in which the trainee is indentured, the trainee shall surrender the certificate to the mechanical inspection section of the department or to the apprentice program in which the trainee is indentured. The department will maintain the surrendered certificate of fitness until the date the certificate would normally expire, during which time the certificate will be returned at no additional charge to the trainee if the trainee is again properly indentured in an apprentice program as described in (b) of this section. If the trainee is not again indentured within the term of the surrendered certificate, the trainee must apply to renew the certificate under 8 AAC 90.180(c) and pay the required fee.

(e) Apprentice programs must return trainee certificates surrendered under (d) to the Anchorage office of the mechanical inspection section within thirty (30) days. (Eff. 9/13/80, Register 75; am 6/14/84, Register 90; am 12/25/98, Register 148, am 9/25/2002, Register 163; am 12/6/2003, Register 168; am 6/14/2006, Register 178; am 9/27/2008, Register 187; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.030 AS 18.62.060 AS 23.05.060

AS 18.62.050 AS 18.62.070

8 AAC 90.164(a) is amended to read:

(a) A residential wireman certificate of fitness authorizes the holder of the certificate to perform work that is described in **8 AAC 90.900(18)** [8 AAC 90.900(16)].

(Eff. 12/25/98, Register 148; am 9/27/2008, Register 187; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.030 AS 18.62.060 AS 23.05.060  
AS 18.62.050 AS 18.62.070

8 AAC 90.165 is repealed and readopted to read:

**8 AAC 90.165. Electrician and power lineman trainee certificates of fitness.** (a) A trainee certificate of fitness authorizes the holder to perform work subject to the standards established in AS 18.60.580 and performed under the conditions set out under this section.

(b) The department will issue a trainee certificate of fitness upon payment of the applicable fees required by AS 18.62.030, if the applicant submits documented proof of indenture in an apprentice electrician program accredited by the United States Department of Labor, Office of Apprenticeship.

(c) The ratio of individuals working under trainee certificates on a job site may not be more than two electrician trainees for every certified electrician journeyman or residential wireman, as applicable, or two power lineman trainees for every certified power lineman journeyman.

(d) Notwithstanding (a) - (c) of this section, a person holding a power lineman journeyman certificate of fitness may work as a trainee on a project within the scope of the *National Electrical Code* established in AS 18.60.580 and 8 AAC 70.025(a), a person holding a residential wireman certificate of fitness may work as a trainee on a project within the scope of the *National Electrical Safety Code* established in AS 18.60.580 and 8 AAC 70.025(b), and on a project within the scope of the *National Electrical Code* that is outside the scope of a residential wireman, and a person holding an electrical journeyman certificate of fitness may work as a trainee on a project within the scope of the *National Electrical Safety Code*.

(e) If the holder of a trainee certificate of fitness leaves the apprentice program in which the trainee is indentured, the trainee shall surrender the certificate to the mechanical inspection section of the department or to the apprentice program in which the trainee is indentured. The department will maintain the surrendered certificate of fitness until the date the certificate would normally expire, during which time the certificate will be returned at no additional charge to the trainee if the trainee is again properly indentured in an apprentice program as described in (b) of this section. If the trainee is not again indentured within the term of the surrendered certificate, the trainee must apply to renew the certificate under 8 AAC 90.180(c) and pay the required fee.

(f) Apprentice programs must return trainee certificates surrendered under (e) to the Anchorage office of the mechanical inspection section within thirty (30) days. (Eff. 9/13/80, Register 75; am 6/14/84, Register 90; am 12/25/98, Register 148; am 12/17/99, Register 152; am 9/25/2002, Register 163; am 12/6/2003, Register 168; am 6/14/2006, Register 178; am 9/27/2008, Register 187; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.030 AS 18.62.060 AS 18.62.070

AS 18.62.050

8 AAC 90.180 is repealed and readopted to read:

**8 AAC 90.180. Renewal of certificate of fitness.** (a) The department will mail a notice of renewal to each certificate of fitness card holder's address currently on file, prior to the expiration date of the certificate.

(b) Except as provided in 8 AAC 90.192 - 8 AAC 90.200, the department will renew a standard certificate of fitness without reexamination if the certificate holder requests renewal of the certificate within two years after the expiration date of the certificate and pays the applicable fees required under AS 18.62.030.

(c) A trainee certificate of fitness will be renewed if the certificate holder

(1) requests renewal of the certificate of fitness;

(2) submits documented proof of indenture in an apprentice plumber program accredited by the United States Department of Labor, Office of Apprenticeship;

(3) pays the applicable fee required under AS 18.62.030.

(d) The certificate of fitness becomes invalid as of the date of expiration for purposes of performing work subject to AS 18.60.580 or 18.60.705. (Eff. 9/13/80, Register 75; am 6/14/84, Register 90; am 12/25/98, Register 148; am 9/25/2002, Register 163; am 6/14/2006, Register 178; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.030 AS 18.62.060 AS 23.05.060  
AS 18.62.040 AS 18.62.070



8 AAC 90.192 is repealed and readopted to read:

**8 AAC 90.192. Hours of continuing education for plumber journeyman and electrician journeyman certificate of fitness.** (a) Before a plumber journeyman or electrician journeyman certificate of fitness is renewed under 8 AAC 90.180, the certificate holder must provide proof to the department that the continuing education requirements set out in this section have been met. To be considered by the department for the current renewal period, the continuing education must have been completed during the 24-month period before the request for renewal of the certificate is made.

(b) An applicant for renewal of an electrician journeyman certificate of fitness must satisfactorily complete an approved program, within the preceding 24-month period, of at least 16 hours. At least eight hours must cover significant changes or updates to the *National Electrical Code*, as adopted by AS 18.60.580 and 8 AAC 70.025, and no more than eight hours may be industry related.

(c) An applicant for renewal of plumber journeyman certificate of fitness must satisfactorily complete an approved program, within the preceding 24-month period, of at least 16 hours. At least eight hours must include a comprehensive review of the *Uniform Plumbing Code*, as adopted by AS 18.60.705 and 8 AAC 63.010, and no more than eight hours may be industry related.

(d) An authorized provider of a course of instruction may use that course for credit towards renewal of the provider's certificate of fitness if the course was presented within the 24-month period before application for renewal. (Eff. 12/25/98, Register 148; am 9/25/2002, Register 163; am 9/27/2008, Register 187; am 2/23/2011, Register 197; am 10/23/2014, Register 212; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:**    AS 18.62.030                      AS 18.62.060                      AS 23.05.060  
                    AS 18.62.050                      AS 18.62.070

8 AAC 90.194 is repealed and readopted to read:

**8 AAC 90.194. Approved plumber and electrician programs.** The director may approve a continuing education program if

(a) the course is currently registered with and approved by the Division of Corporations, Business and Professional Licensing prior to the training date; or

(b) at least thirty (30) days prior to the training date, the course provider provides a description of the program and the number of hours of instruction to the director. The program must be based on either the currently adopted or newer edition of the *Uniform Plumbing Code* for plumber journeymen or the *National Electrical Code* for electrician journeymen and require participants to register.

(c) The provider must provide verification of satisfactory completion of the program to participants in the form of a completion certificate. The completion certificate must include the

- (1) name of the sponsoring organization;
- (2) location of the workshop or course;
- (3) title, course number, and description;
- (4) name of the principal instructor;
- (5) dates of attendance or period of instruction; and

(6) number of continuing education hours claimed. (Eff. 12/25/98, Register 148; am 9/25/2002, Register 163; am 2/23/2011, Register 197; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.020 AS 18.62.060 AS 23.05.060  
AS 18.62.050 AS 18.62.070

8 AAC 90.196 is repealed and readopted to read:

**8 AAC 90.196. Report of continuing education for plumber journeyman and electrician journeyman certificates of fitness.** (a) At the time of renewal an applicant renewing a journeyman certificate of fitness under 8 AAC 90.180 shall submit proof that the applicant satisfactorily completed the requirements of 8 AAC 90.192. The proof of completion must be in the form of a certificate as specified in 8 AAC 90.194(c).

(b) Falsification of any written evidence submitted to the department under this section is grounds for disciplinary action under 8 AAC 90.185. (Eff 12/25/98, Register 148; am 9/27/2008, Register 187; am 2/23/2011, Register 197; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.020 AS 18.62.060 AS 23.05.060  
AS 18.62.050 AS 18.62.070

8 AAC 90.900 is repealed and readopted to read:

**8 AAC 90.900. Definitions.** In this chapter and AS 18.62, unless the context requires otherwise

(1) “accredited” means approved by the United States Department of Labor, Office of Apprenticeship;

(2) “apprentice” means a worker at least 16 years of age who is legally performing work to learn a skilled trade;

(3) “approved program” means a program consisting of any combination of continuing education workshops, formal correspondence programs, or individual study programs which meet the requirements of this section.

(4) “commissioner” means the commissioner of the Department of Labor and Workforce Development or the commissioner's designee;

(5) “day” means a calendar day;

(6) “department” means the Department of Labor and Workforce Development;

(7) “direct supervision” means a certified journeyman is on the same job site, on the same floor and in close and continual control of the trainee and is responsible for the competency of the work performed by the trainee while the trainee is legally performing work subject to the standards established in either AS 18.60.580 and 8 AAC 70.025 or AS 18.60.705 and 8 AAC 63.010;

(8) “director” means the director of the labor standards and safety division of the department, or the director's designee;

(9) “division” means the labor standards and safety division of the department;

(10) “electrician journeyman” means a person who performs work necessary to the installation and construction of electrical work within buildings and within property lines of any given property, beginning at the secondary side of the transformer, subject to the *National*

*Electrical Code*, but does not include a person performing linework consisting of poles and towers, including wires or cables and other apparatus supported by them;

(11) “examination” means a series of prepared questions administered by the department in writing or orally, or both;

(12) “industry related”

(A) for an electrician journeyman is related to electrical installation techniques for the electrical journeyman trade as defined in 8 AAC 90.900;

(B) for a plumber journeyman is related to plumbing installation techniques for the plumber journeyman trade as defined in 8 AAC 90.900;

(C) does not include management skills or techniques, such as general construction industry safety, first aid, planning, scheduling, supervision, designing, estimating, or marketing and sales.

(13) “inspector” means an inspector of the labor standards and safety division of the department, or a designee;

(14) “plumber journeyman” means a person who performs plumbing work in the installation, removal, alteration, or repair of plumbing and drainage systems, within the property lines of the premises; in this paragraph, “plumbing and drainage systems”

(A) includes all

(i) building supply and distribution piping for potable water;

(ii) water treating or utilization equipment;

(iii) plumbing fixtures and traps;

(iv) drainage and vent pipes;

(v) building drains and building sewers;

(vi) medical gas and medical vacuum systems;

(vii) liquid and fuel gas piping;

(viii) swimming pool, spa, and hot tub piping;

(ix) joints, connections, devices, receptacles, appurtenances, water heaters, and vents for items listed in (i) - (viii) of this subparagraph and within the property lines of the premises; and

(x) harbor distribution piping for potable water.

(B) does not include the mains of a public sewer system or a public sewage treatment or disposal plant;

(15) “plumber restricted PG” means a person authorized with a certificate of fitness to install fuel and gas piping within property lines of the premises;

(16) “plumber restricted PU” means a person authorized with a certificate of fitness to install

(A) water service piping from the street, right-of-way main, water well, or storage tank to the first stop valve of the serviced structure or other point of use or distribution on the serviced property;

(B) building sewer piping from within two feet of a serviced structure to a public sewer, private sewer, private sewage disposal system, or other point of disposal; and

(C) building storm drains that receive the discharge of roof drains, leaders, downspouts, or conductors, if the storm drains are installed from within two feet of a commercial structure, or from within two feet of a residential structure of four or more

dwelling units, to the street, the right-of-way main line, or a point of disposal approved by the federal, state, or local agency having jurisdiction;

(17) “power lineman journeyman” means a person who performs work necessary to the assembly, installation, or erection of all electrical apparatus, devices, wires, cables, supports, insulators, conductors, ducts, and raceways when part of primary distributing systems outside of buildings, regardless of whether within property lines of any given property, including outdoor substations and electrical connections up to and including the setting of transformers and the connecting of busses to them;

(18) “residential wireman” means a person who performs work necessary to the installation, construction, and operation of residential electrical systems, beginning at the point of attachment of the service drop or the service lateral on the load side of the meter, and whose work is limited to residential occupancies providing for no more than four residential units on a common foundation;

(19) “trainee” means an individual who is legally performing work to learn a skilled trade on the job under the training and direct supervision of an experienced journeyman plumber or electrician and who, during the training, is given opportunities to develop progressive skills in that trade. (Eff. 9/13/80, Register 75; am 6/14/84, Register 90; am 12/25/98, Register 148; am 9/27/2008, Register 187; am 3/6/2016, Register 217; am \_\_\_/\_\_\_/\_\_\_, Register \_\_\_)

**Authority:** AS 18.62.060 AS 23.05.060

**Editor’s note:** For the purposes of 8 AAC 90, the Anchorage office can be contacted at **Department of Labor and Workforce Development**, Mechanical Inspection, 1251 Muldoon Road, Suite 113, Anchorage, Alaska 99504; phone: (907) 269-4925.