

8 AAC 63.010(a) is amended to read:

(a) The codes set out in this section are adopted in accordance with AS 18.60.075 as the minimum plumbing standards to be followed throughout the state. The Department of Labor and Workforce Development adopts the following codes by reference that are published by the International Association of Plumbing and Mechanical Officials (IAPMO):

(1) *Uniform Plumbing Code*, 2012 Edition, Sections 101.0 – **101.11.5** [102.2.5], 103.5 - 103.5.4, 103.5.6 – **103.5.6.4**, **103.5.8**–103.5.8.2, 103.5.9.1 - 103.5.9.3, and 103.8 of chapter 1, chapters 2 through 10, chapter 11 excluding the requirements of section 1101.5, chapters 12 through **17** [16], and appendices A through L, with the following revisions:

(A) repealed ___/___/___;

(B) Section **507.5** [508.5] of the *Uniform Plumbing Code* is amended by adding a section **507.5.1** [508.5.1] which reads: “**507.5.1** [508.5.1]. When a water heater is installed upon a platform, such as within a garage, the water heater relief valve piping shall discharge to the floor over the edge of the platform.”;

(C) Section **1212.0** [1213.0] of the *Uniform Plumbing Code* is amended by adding section **1212.2** [1213.1] which reads: “**1212.2** [1213.1]. In addition to the requirements of this code for gas piping, the facilities and piping for use with liquefied petroleum gas shall meet the following requirements:

(i) [(A)] Liquefied petroleum gas piping shall not serve any gas fired appliance located in a pit or basement where heavier than air gas might collect to form a flammable mixture.

(ii) [(B)] Pipe joint compounds used on threaded connections shall be insoluble in liquefied petroleum gas.

(iii) [(C)] Every valve and appurtenance used on such piping shall be designed and approved for use with liquefied petroleum gas.

(iv) [(D)] Relief valves shall discharge to the exterior of the building into the air and shall be at least five feet horizontally away from any opening into a building that is below the discharge opening.”;

(D) Section 604.11 of the *Uniform Plumbing Code* is amended by replacing existing language to read:[;] “**604.11 Lead Content.** The maximum allowable lead content in pipes, pipe fittings, plumbing fittings, and fixtures intended to convey or dispense water for human consumption shall be not more than a weighted average of 0.25 percent with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures. For solder and flux, the lead content shall be not more than 0.2 percent where used in piping systems that convey or dispense water for human consumption.

Exceptions: (1) Pipes, pipe fittings, plumbing fittings, fixtures, or backflow preventers used for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not used for human consumption.

(2) Water closets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches (50 millimeters) in diameter or larger.”;

(2) *Uniform Swimming Pool, Spa and Hot Tub Code*, 2012 edition, paragraphs 101.1 - 103.2, 103.3.1, 103.4, chapters 2 through 10, and appendices A through C;

(3) *Uniform Solar Energy Code*, 2012 edition, paragraphs 101.0 - 103.2, 103.4, 106.0 - 106.2, 106.4, chapters 2 through 12, and appendices A through C.

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(Eff. 8/5/72, Register 43; am 7/12/81, Register 79; am 11/1/2000, Register 156; am 9/25/2002, Register 163; am 12/6/2003, Register 168; am 9/27/2008, Register 187; am 2/23/2011, Register 197; am 10/23/2014, Register 212; am __/__/____, Register ____)

Authority: AS 18.60.705 AS 18.60.710

8 AAC 70.025(a) is amended to read:

(a) The **2014** [2011] Edition of the *National Electrical Code* (NFPA **70-2014**[70-2011]) adopted by the National Fire Protection Association on June **10-13, 2013** [7-10, 2010], and approved by the American National Standards Institute on August **1, 2013** [5, 2010], 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 9/27/2008, Register 187; am 10/16/2012, Register 204; am 10/23/2014, Register 212; am __/__/____, Register ____)

Authority: AS 18.60.580 AS 18.60.600

Editor's note: Copies of the National Electric Code and the National Electrical Safety Code, adopted by reference in 8 AAC 70.025, are available for public review at the Mechanical Inspection Section, Division of Labor Standards and Safety, Department of Labor and Workforce Development, **1251 Muldoon Road, Suite 113** [3301 Eagle Street, Suite 302], Anchorage, AK **99504** [3]; telephone (907) 269-4925. Additionally, copies of the National Electric Code may be obtained by contacting the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02169-7471; telephone: (800) 344-3555; facsimile: (617) 770-0700; Internet address: <http://www.nfpa.org>. Copies of the National Electrical Safety Code may be obtained by contacting the Institute of Electrical and Electronics Engineers Inc., 3 Park Avenue, New York, NY 10016-5997.

8 AAC 77.005(1) is repealed and readopted to read:

(1) the *Safety Code for Elevators and Escalators*, 2013 edition (*ASME A17.1-2013*),

(A) with the following revisions:

(i) Section 2.2.2.3 is amended by replacing the existing language to read:

“**2.2.2.3.** For pits subject to the periodic accumulation of ground water, a permanent drain or sump pump shall be installed. For pits not subject to the periodic accumulation of ground water, the permanent installation of a drain or sump pump is not required, unless required by section 2.2.2.5.”;

(ii) Section 2.2.2.5 is revised by replacing the existing language to read:

“**2.2.2.5.** Elevators serving four or more stories above or four or more stories below the level of fire department vehicle access and elevators located in structures with an I-2 occupancy classification shall be provided with a gravity drain or sump pump. The level of fire department vehicle access shall be considered the first story. The drain or sump pump shall have the capacity to remove a minimum of 50 gallons per minute per common elevator hoistway or pit. This provision does not apply to existing elevator hoistways.”;

(iii) Section 2.2.2 is revised by adding the following new sections to read:

“**2.2.2.7.** Sump pumps serving elevators required to be powered by a standby or emergency generator shall also be powered by the standby or emergency generator.

“**2.2.2.8.** Discharge shall go into the building sanitary drainage system or to an approved location on the exterior of the building.

“**2.2.2.9.** Discharging into the building sanitary drainage system shall be through an air gap or air break into an approved indirect waste receptor. The indirect waste receptor shall be of such shape and capacity to control splashing or flooding and shall be located where readily accessible for inspection. The sanitary drainage system must be sized in accordance with the plumbing code to accommodate the rate of flow.

“**2.2.2.10.** When discharging to the exterior of the building, the discharge point shall be permanently labeled “ELEVATOR PIT DISCHARGE” in letters a minimum of one-half inch in height. Discharge resulting from periodic ground water accumulation shall not flow over a walking surface and shall not create a nuisance or hazard. Discharge resulting from fire suppression shall not create a hazard.

“**2.2.2.11.** When a sump pump is utilized, a disconnect serving the sump pump circuit shall be installed in the elevator machine room in compliance with Article 620, Section VI (branch circuits for other utilization equipment: disconnecting means and control) of the *National Electrical Code*, adopted by reference in 8 AAC 70.025(a).”;

(iv) Section 2.2.4.4 is revised by adding new language at the end of the existing language to read:

“However, access to pits may be extended to authorized personnel with training in safe access to the pit area.”;

(v) Section 8.6.1.1.2 is revised by adding “; and” after subparagraph (c), and by adding the following language:

“(d) Manufacturer’s design and intended function of components and systems.”;

(vi) Section 8.6.1.2.1(a) is revised by replacing the existing language to read:

“(a) A Maintenance Control Program for each unit (See 8.6.1.1.1) shall be provided and shall be viewable on-site by elevator personnel at all times from the time of acceptance inspection and test until such time that device is placed out of service (See 8.10.1.5)

(vii) Section 8.6.1.7.2 is revised by replacing the existing language to read:

“**8.6.1.7.2 Periodic Test Forms.** All required periodic tests shall be documented on a test form provided by the department. The form shall be filled out completely and accurately and shall be kept as a permanent part of the maintenance records for the device.”;

(viii) Section 8.6.11.1 is revised by replacing the existing language to read:

“**8.6.11.1 Firefighters’ Emergency Operation.** All elevators provided with firefighters’ emergency operation shall be subjected to testing by authorized or

elevator personnel at least once every three months. As part of testing, the elevator shall be subjected to Phase I recall by use of the key switch, and a minimum of one-floor operation on Phase II. A record of test findings shall be kept as part of the maintenance records. Any deficiency discovered shall be noted as a violation on an inspection report provided by the department. The violation must be remedied in accordance with 8 AAC 77.110.”;

(ix) Section 8.11.1.1.2 is revised by replacing existing subparagraphs (a) and (b) to read:

“(a) Periodic tests shall be witnessed by an inspector employed by the authority having jurisdiction, or by persons authorized by the authority having jurisdiction.

“(b) The owner or the owner’s authorized agent shall have all of the tests required by section 8.11 made by elevator personnel trained to perform those services, and have those persons record all applicable data on a form provided by the department.”;

(x) Section 8.11.1.2 is revised by changing “applicable Code requirements” to “applicable requirements”, and by adding the following language:

“(d) the manufacturer’s design and intended function of components and systems.”;

(xi) Section 8.11.1.3 is revised by adding the following language:

“(a) Periodic inspections of all devices subject to compliance with this code shall be inspected in accordance with 8 AAC 77.025.

“(b) Periodic category 1 testing, as described in Nonmandatory Appendix N, shall be accomplished at an interval not to exceed 12 months.

“(c) Periodic category 3 testing, as described in Nonmandatory Appendix N, shall be accomplished at an interval not to exceed 36 months.

“(d) Periodic category 5 testing, as described in Nonmandatory Appendix N, shall be accomplished at an interval not to exceed 60 months.”;

(B) except that the following sections are not adopted as part of the minimum safety standards applicable to elevators, escalators, and similar devices in the state:

- (i) Section 4.3 (hand elevators);
- (ii) Section 5.3 (private residence elevators);
- (iii) Section 5.4 (private residence inclined elevators);
- (iv) Section 5.8 (marine elevators);
- (v) Section 5.9 (mine elevators);
- (vi) Section 5.11 (wind turbine tower elevators);
- (vii) Section 7.4 (material lifts without automatic transfer devices);
- (viii) Section 7.5 (electric material lifts without automatic transfer devices);
- (ix) Section 7.6 (hydraulic material lifts without automatic transfer devices);
- (x) Section 7.9 (electric material lifts with automatic transfer devices);

- (xi) Section 7.10 (hydraulic material lifts with automatic transfer devices);
- (xii) Section 7.11 (material lifts with obscured transfer devices);
- (xiii) Section 8.6.6.3 (general requirements; maintenance and testing; hand elevators);
- (xiv) Section 8.6.7.3 (general requirements; maintenance and testing; private residence elevators);
- (xv) Section 8.6.7.4 (general requirements; maintenance and testing; private residence inclined elevators);
- (xvi) Section 8.6.7.8 (general requirements; maintenance and testing; shipboard elevators);
- (xvii) Section 8.6.7.9 (general requirements; maintenance and testing; mine elevators);
- (xviii) Section 8.6.7.11 (general requirements, maintenance and testing; wind turbine tower elevators);
- (xix) Section 8.7.4.3 (general requirements; alterations; hand elevators);
- (xx) Section 8.7.5.3 (general requirements; alterations; private residence elevators);
- (xxi) Section 8.7.5.4 (general requirements; alterations; private residence inclined elevators);
- (xxii) Section 8.7.5.8 (general requirements; alterations; shipboard elevators);

(xxiii) Section 8.7.5.9 (general requirements; alterations; mine elevators);

(xxiv) Section 8.10.5.2 (acceptance inspection and tests of other equipment; private residence elevators);

(xxv) Section 8.10.5.3 (acceptance inspection and tests of other equipment; hand elevators);

(xxvi) Section 8.10.5.8 (acceptance inspection and tests of other equipment; shipboard elevators);

(xxvii) Section 8.10.5.14 (acceptance inspection and tests of other equipment; wind turbine tower elevators);

(xxviii) Section 8.11.5.2 (periodic inspection and witnessing of tests; private residence elevators);

(xxix) Section 8.11.5.3 (periodic inspection and witnessing of tests; hand elevators);

(xxx) Section 8.11.5.8 (periodic inspection and witnessing of tests; shipboard elevators);

(xxxi) Section 8.11.5.14 (periodic inspection and witnessing of tests; wind turbine tower elevators).

The introductory language of 8 AAC 77.005(2) is amended to read:

(2) the *Safety Code for Existing Elevators and Escalators*, **2011 edition (ASME A17.3-2011)** [2008 EDITION (ASME A17.3-2008)]; the *Safety Code for Existing Elevators and Escalators*

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The introductory language of 8 AAC 77.005(3) is amended to read:

(3) the *Safety Standard for Platform Lifts and Stairway Chairlifts*, **2014 edition (ASME A18.1-2014)** [2008 EDITION (ASME A18.1-2008)],

...

8 AAC 77.005(4) is amended to read:

(4) the *Guide for Inspection of Elevators, Escalators, and Moving Walks* **2012 edition (ASME A17.2-2012)** [(ASME A17.2-2010)];

(Eff. 10/21/79, Register 72; am 10/21/92, Register 124; am 12/17/99, Register 152; am 9/25/2002, Register 163; am 6/14/2006, Register 178; am 2/23/2011, Register 197; am 10/16/2012, Register 204; am 10/23/2014, Register 212; am ___/___/___, Register ___)

Authority: AS 18.60.800

Editor's note: The address and telephone number for reporting as required in 8 AAC 77.025 is Mechanical Inspection Section, Division of Labor Standards and Safety, Department of Labor and Workforce Development, **1251 Muldoon Road, Suite 113** [3301 Eagle Street, Suite 302], Anchorage, AK **99504** [3]; telephone (907) 269-4925.

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by contacting the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02169-7471; telephone: (800) 344-3555; facsimile: (617) 770-0700; Internet address: <http://www.nfpa.org>. Copies of the National Electrical Safety Code may be obtained by contacting the Institute of Electrical and Electronics Engineers Inc., 3 Park Avenue, New York, NY 10016-5997.

8 AAC 77.065(a) is amended to read:

(a) An owner of an elevator inspected by the department shall pay the department, upon completion of the inspection and receipt of invoice, the following fees for inspection:

(1) for an elevator with

- (A) 1-3 floor stops**\$450** [\$350];
- (B) 4-9 floor stops**\$550** [475];
- (C) 10-14 floor stops**\$625** [550];
- (D) 15-19 floor stops**\$725** [650];
- (E) 20-24 floor stops**\$825** [750];
- (F) repealed 6/14/2006;
- (G) each additional five floor stops**\$200** [100];

(2) for an escalator**\$550** [350];

(3) for a moving walk**\$550** [350];

(4) repealed 10/21/92;

(5) for a dumbwaiter**\$325** [250];

(6) for a limited use or limited access device**\$350** [250];

(7) special inspections: travel costs, actual expense, and applicable per-hour inspection time charge at \$200 per hour;[.]

(8) for a wheelchair lift\$350.

(Eff. 10/21/79, Register 72; am 7/11/84, Register 90; am 10/21/92, Register 124; am 7/13/96, Register 139; am 12/17/99, Register 152; am 6/14/2006, Register 178; am 9/27/2008, Register 187; am __/__/__, Register __)

Authority: AS 18.60.800

8 AAC 80.020 is amended to read:

8 AAC 80.020. Inspection fees. The owner or user of a boiler, unfired pressure vessel, refrigeration system, or shop that is inspected by a special inspector, chief inspector, approved inspector, or deputy inspector shall pay the department, upon completion of inspections and receipt of invoice, the following fees for inspection services:

- (1) high-pressure boilers with
 - (A) under 250 square feet of heating surface:
 - (i) internal inspection — **\$90** [\$80];
 - (ii) external inspection — **\$85** [\$75]; or
 - (B) 250 — 750 square feet of heating surface:
 - (i) internal inspection — **\$100** [\$90];
 - (ii) external inspection — **\$85** [\$75]; or
 - (C) over 750 square feet of heating surface:
 - (i) internal inspection — **\$130** [\$120];
 - (ii) external inspection — **\$100** [\$90];
- (2) low-pressure boilers with
 - (A) under 500 square feet of heating surface:

- (i) internal inspection — ~~\$80~~ [\$70];
- (ii) external inspection — ~~\$65~~ [\$55]; or
- (B) 500 square feet of heating surface or over:
 - (i) internal inspection — ~~\$105~~ [\$95];
 - (ii) external inspection — ~~\$75~~ [\$65];
- (3) cast iron and miniature boilers — ~~\$65~~ [\$55];
- (4) hot water supply boilers — ~~\$55~~ [\$45];
- (5) unfired pressure vessels and refrigeration systems — ~~\$65~~ [\$55];
- (6) shop and special inspections,
 - (A) ~~\$150~~ [\$100] per hour; and
 - (B) repealed 12/17/99;
 - (C) all transportation, travel, and actual expenses;
- (7) each certificate of inspection — ~~\$60~~ [\$55]. (In effect before 7/28/59; am 11/22/75, Register 56; am 2/12/76, Register 57; am 3/29/78, Register 65; am 6/21/84, Register 90; am 7/1/84, Register 90; am 10/21/92, Register 124; am 12/17/99, Register 152; am 11/1/2000, Register 156; am 12/6/2003, Register 168; am 9/27/2008, Register 187; ___/___/___, Register ___)

Authority: AS 18.60.180 AS 18.60.340 AS 16.60.360

8 AAC 90.890 is amended to read:

8 AAC 90.890. Work legally performed and experience legally obtained. For purposes of compliance with a minimum work or experience requirement in this chapter, work is

legally performed, and experience is legally obtained while performing work, if the work is performed

(1) for a contractor with a current, valid license, registration, certificate, or other credential required for practice of the contractor's trade or profession by the law of the state [JURISDICTION] in which the work is performed, and if the work is performed in the state [JURISDICTION] in which the contractor is licensed, registered, certificated, or otherwise credentialed; if the work is performed in a state [JURISDICTION] that does not require a license, registration, certificate, or other credential for practice of the contractor's trade or profession, the department will consider documented work or experience to be in compliance with this paragraph;

(2) under the direct supervision of a journeyman tradesperson; and

(3) in compliance with the laws of the state [JURISDICTION] in which the work is performed. (Eff. 9/27/2008, Register 187; ___/___/___, Register ___)

Authority: AS 18.62.020 AS 18.62.050 AS 18.62.060

8 AAC 90.900(12) is amended to read:

(12) "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; [AND]
- (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;

(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 ___/___/___, 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 Mechanical Inspection, [P.O. Box 107020, 3301 Eagle Street, Suite 302,] **1251 Muldoon Road, Suite 113**, Anchorage, Alaska 99504 [10]; phone: (907) 269-4925.

As of Register 151 (October 1999), the regulations attorney made technical revisions under AS 44.62.125(b)(6) to reflect the name change of the Department of Labor to the Department of Labor and Workforce Development made by ch. 58, SLA 1999 and the corresponding title change of the commissioner of labor.