

Chapter 74

Article II Building Code

Sec. 74-31 **Adopted.**

The Maine Uniform Building and Energy Code adopted pursuant to Title 10 M.R.S.A. Chapter 1103 et. Seq. is hereby adopted by reference as the building code of the City.

~~ARTICLE II. BUILDING CODE Sec. 74-31. Adopted.~~

~~A certain document, designated as Maine Uniform Building and Energy Code~~

~~(MUBEC) adopted pursuant to 10 M. R. S. § 9271 et seq., effective December 1, is hereby adopted as the building code of the city for the control of buildings and structures as provided in this article, and each and all of the regulations, provisions, penalties, conditions and terms of such MUBEC are hereby referred to, adopted and made a part of this article as if fully set out in this article, with the additions, insertions, deletions and changes, if any, prescribed in section 74-32. The MUBEC consists of a compilation of the following editions of the following codes, which are adopted in whole or part, in Sec. 74-32.~~

- ~~1. The international Building Code (IBC) edition issued for the year 2009.~~
- ~~2. The International Existing Building Code (IEBC) edition issued for the year 2009.~~
- ~~3. The International Residential Code (IRC) edition issued for the year 2009.~~
- ~~4. The International Energy Conservation Code (IECC) edition issued for the year 2009.~~

~~The following standards are also adopted in this Code.~~

- ~~1. The American Society of Heating Refrigerating and Air Conditioning Engineers. Standards (ASHRAE) 62.1-2007 (Ventilation for Acceptable Indoor Air Quality), 62.2-2007 (Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings) and 90.1-2007 (Energy Standard for Buildings except Low-Rise Residential Buildings). editions without addenda.~~
- ~~2. The American Society for Testing Materials (ASTM). E-1465-06. Standard Practice for Radon Control-~~

~~Options for the Design and Construction of New Low-Rise Residential Buildings.~~

~~One copy is on file in the office of the city clerk and the building code officer.~~

~~Sec. 74-32. Amendments.~~

~~The building code adopted in section 74-31 is amended as follows:~~

~~1. The following Chapters of the 2009 International Building Code (IBC), published by the International Code Council, Inc. are hereby adopted and incorporated by reference:~~

~~A. Chapters 1-10~~

~~B. Chapters 12-27~~

~~C. Chapters 31-35~~

~~2. The following Chapters, and all appendices, of the IBC are specifically excluded from adoption:~~

~~A. Chapter 11 ACCESSIBILITY~~

~~B. Chapter 28 MECHANICAL SYSTEMS~~

~~C. Chapter 29 PLUMBING SYSTEMS~~

~~D. Chapter 30 ELEVATORS AND CONVEYING SYSTEMS E. Appendix A-K~~

~~3. The following additions, insertions, deletions, and other changes are hereby made to the 2009 International Building Code:~~

~~A. Generally all sections.~~

~~Delete "International Mechanical Code"~~

~~Insert "applicable state codes and statutes"~~

~~B. Section 101.1~~

Delete [NAME OF JURISDICTION]; and

Insert "State of Maine" in its place. C.— Section 101.4. 1

Delete "International Fuel Gas Code"; and

Insert "NFPA 54 National Fuel Gas Code: Fire safety codes and standards adopted pursuant to Title 25 § § 2452 and 2465" in its place.

D.— Section 101.4.2

Delete Section 101.4.1 "Mechanical" in its entirety, without substitution.

E.— Section 101.4. 3

Delete "International Plumbing Code"; and

Insert "Maine State Plumbing Code, adopted pursuant to Title 32, § 3404 B" in its place.

Delete "International Private Sewage Disposal Codes"; and

Insert "Maine State Plumbing Code, adopted pursuant to Title 32, § 3404 B" in its place. F.— Section 101.4.4

Delete Section 101.4. 4 "Property maintenance" in its entirety, without substitution.

G.— Section 101.4.5

Delete "International Fire Code"; and

Insert "NFPA #1; Fire codes and standards adopted pursuant to Title 25

§ § 2452 and 2465" in its place. H.— Section 102.2.1

Insert "No provisions of the MUBEC shall be construed to prohibit the adoption or enforcement of an ordinance of any political subdivision that sets forth provisions for local enforcement of building codes. Such ordinances may include items such as, permits, permit fees, boards of appeals and violations."

I.— Section 102. 6

Delete "International Property Maintenance Code or the International Fire Code"; and

Insert "NFPA #1; Fire Safety codes and standards adopted pursuant to

Title 25 § § 2452 and 2465" in its place. J.— Section 103

Delete Section 103 "Department of Building Safety" in its entirety, without substitution.

K.— Sections 104,105,106, 107,108, 110, 111,112, 115 and 116 and any amendments thereto shall only be applicable:

A.— In a municipality with a population of 2,000 or more residents, beginning no later than December 1, 2010, if the municipality had previously adopted any building code on or before August 1, 2008.

~~L.—Section 104.8~~

~~Delete all language in Section 104.8; and~~

~~Insert "See 14 M.R.S.A. § 8101" in its place.—~~

~~—M. Section 105.1~~

~~Insert "where required by municipal ordinance" at the end of the paragraph.~~

~~N.—Section 105.2~~

~~Insert "Structures exempt from permits shall be located in compliance with zoning and floodplain regulations" at the end of the paragraph.~~

~~O.—Section 109~~

~~Delete Section 109 "Fees" in its entirety, without substitution.—~~

~~—P.—Sections 113 and 114~~

~~Delete Section 113 "Board of Appeals" and Section 114 "Violations" in their entirety, without substitution.~~

~~Q.—Section 308.5.2~~

~~Delete Section 308.5.2 and the exceptions thereto, in its entirety, without substitution.~~

~~R.—Section 404.6~~

~~Delete all language in Section 404.6; and~~

~~Insert "See NFPA 1018.6.7 (2009 edition)" in its place.—~~

~~—S.—Section 715.4.8.1.1~~

~~Insert a new Section 715.4.8.1.1 to read: "Every door assembly in a stair~~

~~enclosure serving more than four (4) stories shall permit re-entry from the enclosure to the interior of the building. Exception: An automatic release that is actuated with the initiation of the building fire alarm or fire detection system shall be provided to unlock all stair enclosure door assemblies to allow re-entry."~~

~~T.—Section 716.5.3~~

~~Delete "and smoke" in the first sentence.—~~

~~U.—Section 1004.1.1—Exception~~

~~Delete "Exception: Where approved by the building official, the actual number of occupants for whom each occupied space, floor or building is designed, although less than those determined by calculation, shall be permitted to be used in the determination of the design occupant load."~~

~~V.—Section 1005.1~~

~~Insert (within the paragraph; after) The means of egress width shall not be less than required by this section. The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by 0.3 inches (7.61mm) per occupant for stairways.~~

~~Exception: Board and Care 0.4; Health Care Sprinkled 0.3; Health Care Non-sprinkled 0.6.~~

Delete "and by 0.2 inches (5.08 mm) per occupant for other egress components"

Insert The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by 0.2 inches (5.08 mm) per occupant for other egress components.

Exception: Board and Care 0.2; Health Care Sprinkled 0.2; Health Care Non-Sprinkled 0.5. W.—Section 1008.1.9.8

Delete "E" from the Group reference in two (2) locations in the first paragraph.

X.—Section 1014.3

Delete all language in Section 1014; and

Insert "See NFPA 101-2009 Table A7.6" in its place.—

Y.—Section 1015, Table 1016.1

Insert "1-1" in the occupancy column as a new row; and

Insert "See NFPA 101-2009 Table A7.6"—

Z.—Section 1015.2.1

Insert "and exit discharge" Where two exits or exit access doorways are required from any portion of the exit access, the exit doors or exit access doorways, and exit discharge shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between exit doors or exit access doorways and exit discharge.

AA. Section 1016, Table 1016.1

Delete "E" from the occupancy column as one of the use groups; and

Insert a new row in the column titled "Single Use"; and

Insert "E" in the Single Use occupancy column; and

Insert "150" in the without sprinkler system (feet) column; and

Insert "200" in the sprinkling system (feet) column.—

BB. Section 1016, Table 1016.1

Delete "S 1 and S 2" from the occupancy column; and

Insert "S 1 and S 2" in the occupancy column as a new row; and Insert "See NFPA 101-2009 Table A7.6"

4.—Chapters 1-15 of the 2009 International Existing Building Code, published by the International Code Council, Inc. are hereby adopted and incorporated by reference.

5.—The following additions, insertions, deletions, and other changes are hereby made to the 2009 International Existing Building Code:

A.—Generally all sections

Delete "~~International Mechanical Code~~"

Insert "~~applicable state codes and statutes~~"

B.—Section 101.1

Delete [~~NAME OF JURISDICTION~~]; and

Insert "~~State of Maine~~" in its place.

C.—Section 101.4.2

Delete "~~International Fire Code, or the International Property Maintenance Code~~"

Insert "~~NFPA#1: Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465~~"

D.—Insert: Section 101.4.3 "~~No provisions of the MUBEC shall be construed to prohibit the adoption or enforcement of an ordinance of any political subdivision that sets forth provisions for local enforcement of building codes. Such ordinances may include items such as, permits, permit fees, boards of appeals and violations.~~"

E.—Section 101.5.1

Delete "~~(International Fire Code)~~"

Insert "~~NFPA#1; Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465~~"

F.—Section 103

Delete Section 103 "~~Department of Building Safety~~" in its entirety, without substitution.

G.—Sections 104, 105, 106, 107, 109, 110, 111, 114, 115, 116, and 117, and any _____ amendments thereto shall only be applicable:

1.—In a municipality with a population of 2,000 or more residents, beginning no later than December 1, 2010, if the municipality had previously adopted any building code on or before August 1, 2008.

H.—Section 104.8

Delete all language in Section 104.8; and

~~Insert "Sec 14 MRSA § 8101" in its place.~~

~~I. — Section 105.1~~

~~Insert (at the end of the paragraph), "where required by municipal ordinance."~~

~~J. — Section 105.2~~

~~Insert (at the end of the paragraph after jurisdiction and before Permits): ((Structures exempt from permits shall be located in compliance with zoning and floodplain regulations."~~

~~K. — Section 108~~

~~Delete Section 108 "Fees" in its entirety, without substitution. L. — Sections 112 and 113~~

~~Delete Section 112 "Board of Appeals" and Section 113 "Violations" in their entirety, without substitution.~~

~~— M. Section 307.7~~

~~Delete ((International Fuel Gas Code"~~

~~Insert "NFPA#54 Fuel Gas code: Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465"~~

~~N. — Section 307.8~~

~~Delete ((special" and ((International Mechanical Code"~~

~~Insert "mechanical" between special and provisions~~

~~O. — Section 307.9~~

~~Delete "International Plumbing Code"~~

~~Insert "Maine State Plumbing Code" — Title 32, Section 3403-B P. — Section 602.4~~

~~Delete "International Mechanical Code and International Plumbing Code~~

~~Insert "Maine State Plumbing Code, Maine State Fuel Gas and mechanical provisions"~~

~~Q. — Section 602.4.1~~

~~Delete "International Fuel Gas Code"~~

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~~Insert "NFPA#54 Fuel Gas Code; Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465"~~

~~R. — Section 703.2.3~~

~~Delete "or the International Fuel Code" S. — Section 704.4.1.1~~

~~Delete "or the International Fuel Code"~~

~~T. — Section 704.4.3~~

~~Delete "or the International Fire Code" U. — Section 709.1~~

~~Delete "In accordance with the International Mechanical Code" V. — Section 802.1.1~~

~~Delete "in accordance with the International Mechanical Code"~~

~~W. Section 802.2.1~~

~~Delete "in accordance with the International Mechanical Code"~~

~~X. Section 909.1~~

~~Delete "in accordance with the International Mechanical Code" and "intent of the respective International Mechanical Code provisions, and Insert "provisions of NFPA #96; Fire codes and standards adopted pursuant to Title 25: Section 2452 and 2465"~~

~~Y. Section 910.1~~

~~Delete "International Plumbing Code"~~

~~Insert "Maine Plumbing Code"~~

~~Z. Section 910.2~~

~~Delete "(International Plumbing Code"~~

~~Insert "(Maine Plumbing Code" AA. Section 910.3~~

~~Delete "(International Plumbing Code"~~

~~Insert "Maine Plumbing Code" BB. Section 910.5~~

~~Delete "International Plumbing Code"~~

~~Insert "Maine Plumbing Code" CC. Section 912.5.1~~

~~Delete " Section 903.3. 1.1of the International Fire Code"~~

~~Insert "NFPA #1Fire Code: Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465~~

~~DD. Section 1201.2~~

~~Delete "International Fire Code and the International Property Maintenance Code."~~

~~Insert "NFPA #1; Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465~~

~~EE. Section 1301.2~~

~~Delete "[DATE TO BE INSERTED BY THE JURISDICTION]"; and~~

~~Insert "December 1, 2010". FF. Section 1301.3.2~~

~~Delete "International Fire Code and the International Property Maintenance Code. "~~

~~Insert "NFPA #1 ; Fire codes and standards adopted pursuant to Title 25; Section 2452 and 2465~~

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~~6.—The following Chapters of the 2009 International Residential Code, published by the International Code Council, Inc. are hereby adopted and incorporated by reference:~~

- A.— Chapters 1—10
- B.— Chapters 12—19
- C.— Chapter 23
- D.— Chapter 41
- E.— Chapter 42
- F.— Chapter 44

7.— The following Chapters, and all appendices, of the 2009 International Residential Code are specifically excluded from adoption:

- A.— Chapter 11 Energy Efficiency
- B.— Chapter 20 Boilers and Water Heaters
- C.— Chapter 21 Hydronic Piping
- D.— Chapter 22 Special Piping and Storage Systems
- E.— Chapter 24 Fuel Gas
- F.— Chapter 25 Plumbing Administration
- G.— Chapter 26 General Plumbing Requirements
- H.— Chapter 27 Plumbing Fixtures
- I.— Chapter 28 Water Heaters
- J.— Chapter 29 Water Supply and Distribution
- K.— Chapter 30 Sanitary Drainage
- L.— Chapter 31 Vents
- M.— Chapter 32 Traps
- N.— Chapter 33 Storm Drainage
- O.— Chapter 34 General Requirements
- P.— Chapter 35 Electrical Definitions
- Q.— Chapter 36 Services
- R.— Chapter 37 Branch Circuit and Feeder Requirements
- S.— Chapter 38 Wiring Methods
- T.— Chapter 39 Power and Lighting Distribution
- U.— Chapter 40 Devices and Luminaries

~~V. Chapter 43 Class 2 Remote Control, Signaling and Power Limited Circuits~~

~~W. Appendix A-Q~~

~~8. The following additions, insertions, deletions, and other changes are hereby made to the 2009 International Residential Code:~~

~~A. Generally all sections~~

~~——Delete "International Mechanical Code"~~

~~Insert "applicable state codes and statues"~~

~~B. Section R101.1~~

~~——Delete [NAME OF JURISDICTION]; and~~

~~——Insert "State of Maine" in its place.~~

~~C. Section R102.2.1~~

~~Insert "No provisions of the MUBEC shall be construed to prohibit the adoption or enforcement of an ordinance of any political subdivision that sets forth provisions for local enforcement of building codes. Such ordinances may include items such as, permits, permit fees, boards of appeals and violations."~~

~~D. Section R102.7~~

~~Delete "International Property Maintenance Code or the International~~

~~——Fire Code"; and~~

~~—Insert "NFPA #1 ; Fire and Safety Codes and standards adopted pursuant to Title 25, § § 2452 and 2465" in its place.~~

~~E. Section R103~~

~~——Delete Section R103—"Department of Building Safety" in its entirety, without substitution.~~

~~F. Sections R104, R105, R106 R107, R109, R110, R111, and R114 and any amendments thereto shall only be applicable:~~

~~1. In a municipality with a population of 2,000 or more residents, beginning no later than December 1, 2010, if the municipality had previously adopted any building code on or before August 1, 2008~~

~~G. Section R104.8~~

~~Delete all language in Section R104.8; and~~

~~——Insert "See 14 MRSA § 8101" in its place. H. Section R105.1~~

~~—Insert "where required by municipal ordinance." at the end of the paragraph.~~

I. ~~Section R105.2~~

~~Insert "Structures exempt from permits shall be located in compliance with zoning and floodplain regulations. at the end of the paragraph.~~

J. ~~Section R105.3~~

~~Delete "department of building safety" in the first paragraph; and Insert "municipality" in its place. K. Section R105. 3. 1~~

~~Delete "within a reasonable time after filing"~~

~~Insert "in accordance with 30A MRSA § 4103"~~

L. ~~Section R105. 3. 1.1~~

~~Delete "finding shall be provided to the board of appeals for a determination of substantial damage.— Applications determined by the bar of appeals to constitute substantial improvement or substantial damage"; and~~

~~Insert "Building Official" in its place.~~

M. ~~Section R108~~

~~Delete Section R108 "Fees" in its entirety, without substitution. N. Sections R112 and R113~~

~~Delete Section R112 "Board of Appeals" and Section R113 "Violations"~~

~~in their entirety, without substitution.~~

O. ~~Section R202~~

~~Delete "Conditioned space: For energy purposes, space within a building that is provided with heating and/or cooling equipment of systems capable of maintaining, through design or heat loss/gain 50° F (10° C) during the heating season and 85° F (29° C) during the cooling season, or communicates directly with a conditioned space. For mechanical purposed, an area, room or space being heated or cooled by any equipment or appliance"~~

~~Insert "An area or room within a building being heated or cooled, containing un-insulated ducts, or with a fixed~~

~~opening directly into an adjacent conditioned space." in its place.~~

P. ~~Section R310. 1, First Exception~~

~~Insert "if the dwelling unit is protected throughout by an approved automatic sprinkler system in accordance with R313. " at the end of the first exception.~~

Q. ~~Section R310.1.1~~

~~Delete "Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465-m2)."~~

R. ~~Section R313.2~~

~~Delete Section R313.2 in its entirety.~~

~~Insert (IRC) R501.3 Fire protection of floors, Floor assemblies, not required elsewhere in this code to be fire~~

~~resistance rated, shall be provided with a 1/2-inch gypsum wallboard membrane, 5/8-inch wood structural panel membrane, or equivalent on the underside of the floor framing member.~~

~~— Exceptions:~~

~~1. Floor assemblies located directly over a space protected by an automatic sprinkler system in accordance with Section fQ.9G4; NFPA 130, or other approved equivalent sprinkler system.~~

~~2. Floor assemblies located directly over a crawl space not intended for storage or fuel-fired appliances.~~

~~3. Portions of floor assemblies can be unprotected when complying with the following:~~

~~3.1 The aggregate area of the unprotected portions shall not exceed 80 square feet per story.~~

~~3.2 Fire blocking in accordance with Section R302.11.1 shall be installed along the perimeter of the unprotected portion to separate the unprotected portion from the remainder of the floor assembly.~~

~~4. Wood floor assemblies using dimension lumber or structural~~

~~composite lumber equal to or greater than 2-inch by 10-inch nominal dimension, or other approved floor assemblies demonstrating equivalent fire performance.~~

~~S. Section: Table M1507.3~~

~~— Delete Table M1507.3; and~~

~~— Insert See ASHRAE 62.2 – 2007 edition; Table 5.1 and 5.2~~

~~9. Chapters 1–6 of the 2009 International Energy Conservation Code, published by the International Code Council, Inc. are hereby adopted and incorporated by reference and are an enforceable part of the MUBEC.~~

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~~10. The following additions, insertions, deletions, and other changes are hereby made to the 2009 International Energy Conservation Code:~~

~~A. Generally all sections~~

~~— Delete "International Mechanical Code"~~

~~Insert "applicable state codes and statutes" except for the specific Sections below where references to International Mechanical Code are specifically deleted and/or altered.~~

~~B. Chapter 6, First Paragraph~~

~~— Delete "107" from the end of the last sentence; and~~

~~— Insert "106" in its place.~~

~~C. Section 101.1~~

~~_____ Delete [NAME OF JURISDICTION); and~~

~~_____ Insert " State of Maine" in its place.~~

~~D. Sections 103, 104, and 108, and any amendments thereto shall only be applicable in a municipality with a population of 2,000 or more residents, beginning no later than December 1, 2010, if the municipality had previously adopted any building code on or before August 1, 2008.~~

~~_____ E. Section 101.4.7~~

~~Insert "No provisions of the MUBEC shall be construed to prohibit the adoption or enforcement of an ordinance of any political subdivision that sets forth provisions for local enforcement of building codes. Such ordinances may include items such as, permits, permit fees, boards of~~

~~_____ appeals and violations."~~

~~_____ F. Section 107~~

~~_____ Delete Section 107 "Fees" in its entirety, without substitution.~~

~~_____ G. Section 109~~

~~Delete Section 109 "Board of Appeals" in its entirety, without~~

~~_____ substitution.~~

~~_____ H. Section 402. 4.2. 1~~

~~_____ Delete "33.5 psf (50 Pa.)" at the end of the first sentence; and~~

~~Insert "50 PA (1psf)" in its place.~~

~~_____ I. Section 403. 9. 1~~

~~Insert after "natural gas" "or LPG"~~

~~_____ J. Section 503.2.5~~

~~Delete "Chapter 4 of the International Mechanical Code"~~

~~Insert "ASHRAE 62.1-2007." in its place for both occurrences.~~

~~_____ K. Section 503.2.5. 1~~

~~_____ Delete "(as established in Table 403.3 of the International Mechanical Code)", without substitution.~~

~~L. Section 503.2.6 Exception 1~~

~~Delete Exception 1 "Where energy recover systems are prohibited by the International Mechanical Code," with no substitution~~

~~_____ M. Section 503.2. 7. 1~~

~~_____ Delete "the International Mechanical Code."~~

~~_____ Insert "NFPA 90A" in its place.~~

~~_____ Delete "in accordance with the requirements of Chapter 6 of the~~

~~_____ International Mechanical Code" without substitution.~~

~~0. Section 503.3.1 Exception 2.~~

~~Delete Exception 2 "in order to meet the minimum ventilation requirements of Chapter 4 of the International Mechanical Code", without substitution.~~

~~—— P. Section 503.4.5 Item 3~~

~~Delete "Chapter 4 of the International Mechanical Code."~~

~~—— Insert "ASHRAE 90.1-2007." in its place.~~

Article III Plumbing Code

Sec. 74-61 Adopted.

The plumbing code adopted pursuant to 32 M.R.S. Chapter 3403-B. et seq.

~~ARTICLE III. PLUMBING CODE Sec. 74-61. Adopted.~~

~~That certain document being marked and designed as the 2009 Uniform Plumbing Code, is hereby adopted as the code of the city for regulating the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of plumbing systems in the city, and providing for the issuance of permits and collection of fees therefor, and each and all the regulations, provisions, conditions and terms of such Uniform Plumbing Code, 2009 edition, are hereby referred to, adopted and made a part of this article as if fully set out in this article. One copy is on file in the office of the plumbing inspector/building code official for the city and the City Clerk's Office.~~

~~A. The Plumbers' Examining Board adopts and incorporates herein by reference the~~

~~International Association of Plumbing and Mechanical Officials Uniform Plumbing Code, 2009 edition, as the standard for plumbing installations in the State of Maine. subject to the exclusions and amendments set forth in this chapter.~~

~~B. All plumbing installations must comply with the UPC (except as excluded or amended in this chapter); Title 32, Chapter 49 of the Maine Revised Statutes; and the rules of the board Plumbing installations must also comply with all applicable statutes or rules of the State and all applicable ordinances, orders, rules and regulations of local municipalities.~~

~~Sec. 74-62. Amendments.~~

The plumbing code adopted in section 74-61 is amended as follows:

~~(1) Chapter 1, Administration~~

~~a. The board does not adopt chapter I 02.3.2. Penalties.~~

~~b. The board amends chapter I 03.1 .2, Exempt Work, by adding I 03.1 .2.3 as follows:~~

~~103. 1.2.3 Installation of domestic heating appliances by master oil burner technicians licensed pursuant to Title 32, Chapter 33 of the Maine~~

~~Revised Statutes and propane and natural gas installers pursuant to Title 32, Chapter 130 of the Maine Revised Statutes.~~

~~e. The board repeals and replaces chapter I 03.4.1 , Permit Fees, as follows:~~

~~103.4.1 Permit Fees~~

~~103.4.1.1 Any person who begins any work for which a permit is required by the Code without first having obtained a permit~~

~~shall, if subsequently eligible to obtain a permit for that work,~~

~~pay double the permit fee for such work. However, this provision shall not apply to any emergency work when it can be proved to the satisfaction of the LPI that such work was necessary and that it was not practical to obtain a permit before the commencement of the work. In all emergency cases, a permit must be obtained within four (4) working day or a double permit fee shall be charged.~~

~~103.4.1.2 For the purpose of this section a sanitary plumbing~~

~~outlet on or to which a plumbing fixture or appliance may be set or attached shall be construed to be a fixture. Fees for reconnection and retest of existing plumbing systems in relocated buildings shall be based on the number of plumbing fixtures that requires a permit to be issued.~~

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~~103.4.1.3 Permit fees shall be charged for the following permits.~~

~~(1) Fixture fee, per fixture.~~

~~(2) When only new water distribution and/or drainage pipes are installed or relocated in a~~

~~building, but no fixtures installed.~~

~~(3) A hookup fee shall be charged for the connection of a mobile home, which bears the Housing and Urban Development (HUD) seal or a modular home, which bears the Manufactured Housing Board seal to a building sewer.~~

~~(4) A hookup fee shall be charged for connection to a public sewer when piping is installed outside the jurisdiction of the sanitary district. A hookup is considered a fixture when calculating the fee.~~

~~(5) Relocated mobile homes, modular homes or any other similar structures shall be considered as new conventional stick built structures. A plumbing fixture fee shall be charged based on this section.~~

~~d. The board does not adopt chapter I 03.4.2, Plan Review Fees.~~

~~e. The board adopts Chapter I 03.5.1, Inspections, General, with the following amendment:~~

~~(i) Plumbing systems for which a permit is required by this code shall be inspected by the Authority Having Jurisdiction.~~

~~No portion of any plumbing system shall be concealed until inspected and approved. Neither the Authority Having Jurisdiction nor the jurisdiction shall be liable for expenses entailed in the removal or replacement of material required to permit inspection. When the installation of a plumbing system is complete, an additional and final inspection shall be made.~~

~~f. The board does not adopt Chapter I 03.5.6, para graphs 4 and 5, Reinspections.~~

~~g. The board does not adopt Chapter I 03.7, Unconstitutional. h. The board does not adopt Table 1-1, Plumbing Permit Fees.~~

~~(2) Chapter 2, Definitions~~

~~a. The board does not adopt Chapter 205.0, Confined Space.~~

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~~b. The board does not adopt Chapter 207.0 Excess Flow Valve (EFV).~~

~~c. The board does not adopt Chapter 208.0, Flammable Vapor or Fumes.~~

~~———— d. ——— The board amends Chapter 220.0, Roughing In, as follows:~~

~~(i) ——— The installation of all parts of the plumbing system that can be completed prior to the installation of fixtures. This includes~~

~~drainage, water supply, vent piping, and the necessary fixture supports.~~

~~———— e. ——— The board does not adopt Chapter 223.0, Unconfined Space.~~

~~———— (3) ——— Chapter 3, General Regulations~~

~~a. ——— The board does not adopt Chapter 3 13.1 2.3, Ratproofing.~~

~~———— b. ——— The board does not adopt Chapter 314.7, Hangers and Supports.~~

~~e. ——— The board adopts Chapter 316.2.2, Unions, with the following exception: (i) ——— Approved unions shall be permitted to be used in drainage piping when accessibly located in the trap seal or between a fixture and its trap in the vent system, except underground or in wet vents, at any point in the water supply system.~~

~~———— d. ——— The board does not adopt Chapter 320.0, Medical Gas and Vacuum Systems.~~

~~(4) ——— Chapter 5, Water Heaters~~

~~a. ——— The board only adopts the following two sections of Chapter 5. All other sections of Chapter 5 the board does not adopt.~~

~~(i) ——— Chapter 506.4, Indirect Fired Water Heaters, which includes 506.4.1 and 506.4.2.~~

~~———— (ii) ——— Chapter 508.0, Other Water Heater Installation Requirements, which includes 508.1, 508.2, 508.3, 508.4 and 508.5.~~

~~(5) ——— Chapter 9, Vents~~

a. ~~The board adopts Chapter 906.0, Vent Terminations, with the following amendments:~~

~~(i) 906.1. Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than two (2) feet above the roof nor less than one (1) foot from any vertical surface.~~

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~~(ii) 906.3. Vent pipes shall be extended separately or combined, of full required size, not less than two (2) feet above the roof or tire wall. Flagpoling of vents shall be prohibited except where the roof is used for purposes other than weather protection. Vents within ten (10) feet (3,048 mm) of any part of the roof that is used for such other purposes shall extend not less than seven (7) feet (2,134 mm) above such roof and shall be securely stayed.~~

~~(i ii) 906.7. Frost or Snow Closure. Where frost or snow closure is likely to occur in locations having minimum design temperature below 0° F (-17.8° C), vent terminals shall be not less than two (2) inches (50 mm) in diameters, but in no event small than the required vent pipe. The change in diameter shall be made inside the building not less than one (1) foot (305 mm) below the roof in an insulated space and terminate not less than two (2) feet above the roof, or as required by the Authority Having Jurisdiction.~~

~~(6) Chapter II, Storm Drainage~~

~~a. The board does not adopt Chapter II 0 1.5, Subsoil Drains.~~

~~b. The board does not adopt Chapter II 0 1 .6, Building Subdrains. c. The board does not adopt Chapter 1101 .7, Areaway Drains.~~

~~d. The board does not adopt Chapter II 0 1 .8, Window Areaway Drains.~~

~~e. The board does not adopt Chapter II 01 .9, Filling Stations and Motor Vehicle Washing Establishments.~~

~~f. The board does not adopt Chapter II 01 .1 0, Paved Areas.~~

~~g. The board does not adopt Chapter II 02.5, Subsoil Drains.~~

~~h. The board does not adopt Chapter 1106.3, Size of Roof Gutters.~~

~~i. The board does not adopt Table I 1-3, Size of Gutters.~~

~~(7) Chapter 12, Fuel Piping. The board does not adopt Chapter 12, Fuel Piping.~~

~~(8) Chapter 13, Health Care Facilities and Medical Gas and Vacuum Systems. The board does not adopt Chapter 13, Health Care Facilities and Medical Gas and Vacuum Systems.~~

~~(9) Chapter 16, Nonpotable Water Reuse Systems.~~

~~a. The board does not adopt Part I, Gray Water Systems, in its entirety.~~

Article IV Electrical Code

Sec. 74-91 Adopted.

Electrical standards adopted pursuant to 32 M.R.S. §1153-A. et. Sec.

~~ARTICLE IV. ELECTRICAL CODE~~

~~Sec. 74-91. Adopted.~~

~~All installations of electrical equipment commencing on or after July 1, 2011 must comply with the 2011 edition of the National Electrical Code, National Fire Protection standard #70, as well as with all applicable statutes or rules of the State and all applicable ordinances, orders, rules and regulations of local municipalities. One copy is on file in the office of the city clerk, electrical inspector and city manager.~~

~~Sec. 74-92. Amendments.~~

~~The electrical code adopted in section 74-91 is amended to read as follows:~~

~~A-1. The Board adopts Article 200.6(0) with the following amendment:~~

~~200.6 Means of Identifying Grounded Conductors.~~

~~(D) Grounded Conductors of Different Systems. Where grounded conductors of different systems are~~

~~installed in the same raceway, cable, box, auxiliary gutter, or other type of enclosure, each grounded conductor shall be identified by system. Identification that distinguishes each system grounded conductor shall be permitted by one of the following means:~~

~~(1) — One system grounded conductor shall have an outer covering conforming to 200.6(A) or (B).~~

~~(2) — The grounded conductor(s) of other systems shall have a different outer covering conforming to 200.6(A) or 200.6(B) or by an outer covering of white or gray with a readily distinguishable colored strip other than green running along the insulation.~~

~~(3) — Other and different means of identification as allowed by 200.6(A) or (B) that will distinguish each system grounded conductor.~~

~~The means of identification shall be documented in a manner that is readily available or shall be permanently posted where the conductors of different systems originate.~~

~~A. — The Board adopts Article 210.5(C)(3) with the following amendment:~~

~~—— 210.5 — Identification for Branch Circuits.~~

~~(C) — Identification of Ungrounded Conductors. Ungrounded conductors shall be identified in accordance with 210.5(C)(1), (2) and (3).~~

~~(3) — Posting of identification Means. The method utilized for conductors originating within each branch-circuit panelboard or similar branch-circuit distribution equipment shall be documented in a manner that is readily available or shall be permanently posted at each branch-circuit panelboard or similar branch-circuit distribution equipment.~~

~~B. — [exception deleted]~~

~~C. — The Board adopts Article 215.12(C) with the following amendment:~~

~~—— 215.12 Identification of Feeders.~~

~~(C) — Ungrounded Conductors. Where the premises wiring system has feeders supplied from more~~

~~than one nominal voltage system each ungrounded conductor of a feeder shall be identified by phase or line and system at all termination, connection, and splice points. The means of identification shall be permitted to be by separate color coding, marking tape, tagging, or~~

~~other approved means. The method utilized for conductors originating within each feeder panel board or similar feeder distribution equipment shall be documented in a manner that is readily available or shall be permanently posted at each feeder panel board or similar feeder distribution equipment.~~

~~—— D. —— The Board adopts Article 334.10(3) with the following amendment:~~

~~334.10 Uses Permitted.~~

~~(3) —— Other structures permitted to be of Types III, IV, and V construction except as prohibited in 334.12. Cables shall be concealed within walls, floors, or ceilings that provide a thermal barrier of material that has at least a 15-minute finish rating as identified in listings of fire-rated assemblies.~~

~~E. —— The Board does not adopt Article 334.12(A)(2), Uses Not Permitted. F. [exception deleted]~~

~~G. —— The Board adopts Article 338.12(B)(1) and (2) with the following amendment:~~

~~338.12 Uses Not Permitted.~~

~~—— (B) —— Underground Service Entrance Cable.~~

~~(1) —— For interior wiring of branch circuits and feeders originating and terminating within the same building.~~

~~(2) —— For above-ground installations except where USE cable emerges from the ground and is terminated in an enclosure at an outdoor location acceptable to the Authority Having Jurisdiction and the cable is protected in accordance with 300.5(0).~~

~~—— H. —— [exception deleted]~~

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~~I. —— [exception deleted]~~

~~J. —— [exception deleted]~~

~~K. [exception deleted]~~

~~L. [exception deleted]~~

~~M. [exception deleted]~~

~~N. [exception deleted]~~

~~O. [exception deleted]~~

~~P. [exception deleted]~~

~~Q. [exception deleted]~~

~~R. The Board adopts Article 702.4(8)(2) with the following amendment:~~

~~702.4 Capacity and Rating~~

~~(B) System Capacity.~~

~~(2) Automatic Transfer Equipment. For other than single family dwellings, where automatic transfer equipment is used, an optional standby system shall comply with (2)(a) or (2)(b).~~