

Narrative Summary of Changes to PA UCC

§ 401.1. Definitions.

This section changes the definitions for the IBC, the IECC, the IEBC, the IFC, the IFGC, the IMC, the International Performance Code, the IPC, the IRC, the IWUIC, National Electric Code and Uniform Construction Code to replace "the" with "a" or "an" and remove any reference to the year the ICC code was published. This was done because multiple printings of the ICC codes are being incorporated into the regulations and, as such, the definitional section is no longer appropriate to identify the year a particular ICC code was published.

The section also adds a definition for International Swimming Pool and Spa Code as this code sets the standards for swimming pools and spas for both residential and commercial properties and is incorporated by reference by both the IBC of 2015 and the IRC of 2015.

§ 403.1. Scope.

This Department is amending paragraph to reflect that coal-fired boilers are subject to the IRC of 2015. This is being done because the definitional section for the IRC no longer contains a specific year.

§ 403.21. Uniform Construction Code.

The RAC voted to adopt Chapters 2—10, 12—29 and 31—35 of the IBC of 2015 except the RAC voted to retain the exceptions regarding the maximum riser height and minimum tread depth in occupancies in Use Group R-3 and within dwelling units in occupancies in Use Group R-2. The RAC also voted to retain the requirement regarding nosing on stairways with solid risers. As such, the Department is amending paragraph (a)(1) to take this language out of the main body of paragraph (a)(1) and add a new subparagraph (a)(1)(i) which will list the requirements for riser heights, tread depths and nosing on stairways with solid risers. The amendment also eliminates the word "that" to make it more readable. In addition, the RAC voted to exclude Section 913.2.2 of the IBC of 2015 (relating to circuits supplying fire pumps). Second, in Section 2609.4 of the IBC of 2015 (relating to area limitations and greenhouses), the RAC voted to modify exception three to include "or maintaining plants." As such, the Department is adding subparagraphs (a)(1)(ii) and (iii) to add these exceptions from the IBC of 2015. In addition, the Department is amending paragraph (a)(1) to delete subparagraphs (i)—(xix) in the current regulation because those subparagraphs contained previous adoptions of the IBC of 2015 and are now incorporated in the main body of paragraph (a)(1).

The RAC voted to adopt the IMC of 2015 in its entirety. As such, the Department is amending paragraph (a)(3) to incorporate the entirety of the IMC of 2015. In addition, the Department is deleting language referring to section 507.2 of the IMC of 2015 because that language is redundant as this provision was a previous adoption of the IMC of 2015 and is incorporated into the main body of paragraph (a)(3).

The RAC voted to adopt the IFGC of 2015 in its entirety except section 310.3 of the IFGC of 2018 (relating to arc-resistant CSST). The RAC had the authority to adopt portions of the 2018 ICC Codes because it can modify the 2015 Codes. 35 P.S. § 7210.108(a)(3)(ix)(B). As such, the Department is amending paragraph (a)(4) to incorporate the entirety of the IFGC of 2015 with the exception regarding arc-resistant CSST.

The RAC did not vote to adopt the International Performance Code of 2015. As such, the Department is amending paragraph (a)(5) of the UCC to clarify that the International Performance Code of 2009 remains in effect.

The RAC voted to adopt the IPC of 2015 in its entirety. As such, the Department is amending paragraph (a)(6) to incorporate the entirety of the IPC of 2015.

The RAC voted to adopt the IRC of 2015 except the RAC voted to exclude the following sections: Section R302.5.1 (relating to opening protection); Section R322.2.1 (relating to elevation requirements for flood hazard areas); Section R322.3.2 (relating to elevation requirements for coastal high hazard areas); Section R325.5 (relating to openness); Table R507.6 (relating to deck beam span lengths); Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls); Section N1101.4 (relating to above code programs); Section N1103.3.5 (relating to building cavities); Section N1103.5.2 (relating to demand recirculation systems); Table N1106.4 (relating to maximum energy rating index); Section P2503.5.1 (relating to rough plumbing); and Section E3901.7 (relating to outdoor outlets). The Department amended the main paragraph of (a)(7) to incorporate the entirety of the IRC of 2015 except for the portions the RAC voted to exclude or modify. The Department also deleted current clauses (a)(7)(iii)(A)—(BB) because those clauses refer to provisions of the 2015 IRC the RAC previously adopted and are addressed in other parts of paragraph (a)(7). The Department replaced them with new paragraphs and subparagraphs (a)(7)(iii)(A)—(L) to indicate the portions of the IRC of 2015 that the RAC did not adopt. Furthermore, the Department is adding paragraphs and subparagraphs (a)(7)(v)(A)—(G) to indicate the portions of the IRC of 2009 that remain in effect.

In addition, the RAC voted to modify the following provisions of the IRC of 2015: Section N1101.6 (relating to defined terms) by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing; Table 1102.1.2 (relating to insulation and fenestration criteria) by adding "or 18 + 6.5^H" to climate zone 6 wood frame wall R-value; Table N1102.1.2 (relating to insulation and fenestration requirements by components) by adding footnote j which permits R-18 insulation to be permitted in place of R-20 requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing; Section N1102.4.1.2 (relating to testing) by having an air leakage rate not exceeding five air changes per hour for all climate zones; Section N1105.2 (relating to mandatory requirements) by requiring compliance with the mandatory provisions of section N1102.4.1.2; Section M1601.4.1, exception 3 (relating to joints, seams, and connections) by excluding this exception for snap-lock and button-lock type joints and seams located outside of conditioned spaces; Section M1602.2 item 2 (relating to return air openings) by adding the word perimeter before the first use of the word room; and Section E3901.11 (relating to

foyers) by replacing 3 feet (914 mm) with 6 feet (1,829 mm) and a minimum of one receptacle. As such, the Department is adding new paragraphs and subparagraphs (a)(7)(iv)(A)—(H).

Furthermore, the RAC voted to adopt the following provisions of the IRC of 2018: Section R325.5 (relating to openness) except for exception 2; Table R507.5 (relating to deck beam span lengths); Section R602.3.1 (relating to stud size, height, and spacing) exception 3; Table R602.3(6) (relating to alternate wood bearing wall stud size, height, and spacing); Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls); Section N1103.3.6 (relating to ducts buried within ceiling insulation); Section N1103.3.7 (relating to ducts located in conditioned space); and Table N1106.4 including footnote "a" (relating to maximum energy rating index). As such, the Department is adding new paragraphs and subparagraphs (a)(7)(vi)(A)—(H).

The RAC voted to adopt the IFC of 2015 in its entirety. As such, the Department is amending paragraph (a)(8) to incorporate the entirety of the IFC of 2015. In addition, the Department is adding language currently found in subparagraph (a)(8)(i) into the main body of paragraph (a)(8). This is being done because the Department is eliminating subparagraph (ii) because that language is redundant so there are no longer multiple subparagraphs. Current subparagraph (a)(8)(ii) is being eliminated because these clauses are incorporated in the main body of paragraph (a)(8).

The RAC voted to adopt the IECC of 2015 in its entirety except: Section R102.1.1 (relating to above code programs); Section C104.2.6 (relating to final inspection); Section R403.3.5 (relating to building cavities); Section R403.5.2 (relating to demand recirculation systems); Table R406.4 (relating to maximum energy rating index); and Section C408.2.4 (relating to preliminary commissioning report). As such, the Department amended the main paragraph of (a)(9) to incorporate the entirety of the IECC of 2015 except for the portions the RAC voted to exclude or modify. As such, the Department is deleting current subparagraphs (a)(9)(i)—(v) because they are redundant because these clauses referred to provisions of the IECC of 2015 the RAC previously voted to adopt and are now incorporated into the main body of the paragraph (a)(9). In addition, the Department is replacing them with new clauses (a)(9)(i)(A)—(F) to indicate the portions of the IECC of 2015 that the RAC did not adopt. Furthermore, the Department is adding new clauses (a)(9)(iii)(A)—(C) to indicate the portions of the IECC of 2009 that remain in effect.

The RAC also voted to modify the following provisions of the IECC of 2015: Chapter RE 2 by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing; Table R402.1.2 (relating to insulation and fenestration criteria) by adding "or 18 + 6.5^H" to climate zone 6 wood frame wall R-value; Table R402.1.2 (relating to insulation and fenestration requirements by components) by adding footnote j which permits R-18 insulation to be permitted in place of R-20 requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing; Section R402.4.1.2 (relating to testing) by having an air leakage rate not exceeding five air changes per hour for all climate zones; and Section 405.2 (relating to mandatory requirements) to require compliance with the mandatory provisions of section R402.4.1.2 (relating to testing). As such, the Department is adding new clauses (a)(9)(ii)(A)—(E).

In addition, the RAC voted to adopt the following provisions of the IECC of 2018: Section R403.3.6 (relating to ducts buried within ceiling insulation); Section R403.3.7 (relating to ducts located in conditioned space); and Table R406.4 including footnote "a" (relating to maximum energy rating index). As such, the Department is adding new clauses (a)(9)(iv)(A)—(C).

The RAC voted to adopt the IEBC in its entirety except that it voted to modify Section 101.2 (relating to scope) to add an exception for detached residential buildings and townhouses not more than three stories above grade plane in height with a separate means of egress and their accessory structures to comply with either the IEBC of 2015 or the IRC of 2015. As such, the Department is amending paragraph (a)(10) to incorporate the IEBC of 2015 with the exception regarding detached residential buildings and townhouses no more than three stories above grade plane in height with a separate means of egress. In addition, the Department is deleting subparagraphs (a)(10)(i) and (ii), which are now redundant because these clauses represented a previous decision to adopt portions of the IEBC of 2015 and are now incorporated in the main body of paragraph (a)(10).

The RAC voted to adopt the IWUIC of 2015 in its entirety. As such, the Department is amending paragraph (a)(11) to reflect the RAC's decision to adopt the IWUIC.

The RAC did not vote to adopt Appendix H of the IBC of 2015. As such, the Department is amending paragraph (a)(13) to clarify that Appendix H of the IBC of 2009 remains in effect.

The Department is deleting paragraph (a)(14) because the language is redundant since it is incorporated as part of the International Swimming Pool and Spa Code of 2015, which is incorporated by reference by the IBC of 2015 and the IRC of 2015.

The Department is amending subsection (b) to fix a typographical error.

The Department is amending subsection (c) to reflect the Appendices that are being adopted under the RAC's vote.

§ 403.23. *Child day care facilities.*

The Department is amending paragraph (d) to reflect that day care facilities are subject to the IBC of 2015. This is being done because the definitional section for the IBC no longer contains a specific year.

§ 403.26. *Swimming pools.*

The Department is amending subsection (a) to reflect the RAC's vote to adopt portions of the IRC of 2015, which incorporates by reference the International Swimming Pool and Spa Code of 2015. The Department is deleting old paragraphs (a)(1)—(4) because they are no longer pertinent.

The Department is amending subsection (b) to reflect the RAC's vote to adopt portions of the IBC of 2015, which incorporates by reference the International Swimming Pool and Spa Code of 2015.

The Department is deleting subsection (c) (relating to hot tubs or spas) because hot tubs and spas are governed by the International Swimming Pool and Spa Code, which are incorporated by reference by the IBC of 2015 and IRC of 2015.

§ 403.27. *Applicability and use of standards.*

The Department is amending subparagraphs (a)(1)—(4) to reference that IBC of 2015, IRC of 2015, IPC of 2015 and IMC of 2015 are incorporated by reference. This is being done because the definitional sections of the IBC, IRC, IPC and IMC no longer contain a specific year.

The Department is amending paragraph (b) to reflect that the IBC of 2015 and IEBC of 2015 apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings no more than three stories in height with a separate means of egress and their accessory structures. This is being done because the definitional section for the IBC and IEBC no longer contains a specific year.

The Department is amending paragraph (f) to reflect that IMC of 2015 does not apply if the provision conflicts with the Boiler and Unfired Pressure Vessel Law (35 P.S. §§ 1331.1—1331.9). This is being done because the definitional section for the IMC no longer contains a specific year.

§ 403.28. *Uncertified buildings.*

The Department is amending subparagraph (b)(1) to reflect that the IBC of 2015 applies to maximum story height, minimum allowable construction type based on floor area, vertical opening and shaft protection requirements, means of egress requirements pertaining to minimum number of exits, maximum travel distances to exits, means of egress illumination, minimum egress widths and heights for exit doors, exit stairs, exit ramps and exit corridors requirements for uncertified buildings for which the Department has jurisdiction. This is being done because the definitional section for the IBC no longer contains a specific year.

The Department is amending subparagraph (b)(2) to reflect that the fire safety requirements of the IBC of 2015 applies to fire alarms, fire extinguishers, heat and smoke detectors, automatic sprinkler systems and occupancy and incidental use separations for uncertified buildings for which the Department has jurisdiction. This is being done because the definitional section for the IBC no longer contains a specific year.

The Department is amending subparagraphs (b)(3)(ii)-(iii) to reflect that the accessibility requirements for uncertified buildings for which the Department has jurisdiction must comply with the IBC of 2015. This is being done because the definitional section for the IBC no longer contains a specific year.

The Department is amending subparagraph (b)(4) to reflect that structural requirements for uncertified building for which the Department has jurisdiction will not be imposed unless the Department determines that the building or a portion of the building has defects that are defined as

dangerous in section 202 of the IEBC of 2015. This is being done because the definitional section for the IEBC no longer contains a specific year.

The Department is amending subparagraph (c)(1) to reflect that a construction code official shall grant a certificate of occupancy for an uncertified building for which the Department does not have jurisdiction if that building meets the requirements of the latest version of the IEBC of 2015 or Chapter 34 of the IBC of 2015. This is being done because the definitional sections for the IEBC and IBC no longer contains specific years.

§ 403.42. Permit requirements and exemptions.

The Department is amending subparagraph (c)(1)(xi) to reflect that a permit is not required for window awnings supported by an exterior wall which do not project more than 54 inches from the exterior wall and do not require additional support of group R-3 as applicable in the IBC of 2015 and Group U occupancies. This is being done because the definitional section for the IBC no longer contains a specific year.

§ 403.42a. Permit application.

The Department is amending subparagraph (f)(3)(ii) to reflect that permit applicants must submit shop drawings that contain referenced installation standards found in the IBC of 2015. This is being done because the definitional section for the IBC no longer contains a specific year.

The Department is amending paragraph (i) to reflect that permit applicants shall submit certifications required in the IBC of 2015 for construction in a flood hazard area to the building code official. This is being done because the definitional section for the IBC no longer contains a specific year.

The Department is amending paragraph (k) to reflect that permit applicants shall describe an inspection program, identify a person or firm who will perform special inspections and structural observations if sections 1704 and 1705 of the IBC of 2015 requires special inspections or structural observations for the construction. This is being done because the IBC of 2009 gave applicants a choice to comply with either section 1704 and 1710, while the IBC of 2015 requires applicants to comply with both sections 1704 and 1705. In addition, the change is being made because the definitional section for the IBC no longer contains a specific year.

§ 403.44. Alternative construction materials and methods.

The Department is amending paragraph (c) to reflect that new buildings or remodelings, alterations, additions or changes of use and occupancy of an existing building which complies with the "International Performance Code of 2009" shall also comply with the Uniform Construction Code. This is being done because the definitional section of the International Performance Code no longer contains a specific year.

§ 403.45. Inspections.

The Department is amending paragraph (f) to reflect that code administrators may act in place lumber grading or inspection agency to satisfy the requirements under section 2303.1.1 of the IBC of 2015 or its successor code. This is being done because the definitional section for the IBC no longer contains a specific year.

§ 403.46. Certificate of occupancy.

The Department is amending subparagraphs (b)(6)-(7) to reflect that certificate of occupancies must contain use and occupancy classifications and types of construction that comply with the IBC of 2015. This is being done because the definitional section for the IBC no longer contains a specific year.

§ 403.103. Municipalities electing not to enforce the Uniform Construction Code.

The Department is amending paragraph (c) to require building code officials to accept compliance with the "International Performance Code of 2009" for alternative materials, designs or methods of construction. This is being done because the definitional section for the International Performance Code no longer contains a specific year.

The Department is amending paragraph (d) to require building code officials to determine the climatic and geographic design criteria contained in Table R301.2(1) of the IRC of 2015 for residential construction. This is being done because the definitional section for the IRC no longer contains a specific year.

Regulations

TITLE 34. LABOR AND INDUSTRY

PART XIV. UNIFORM CONSTRUCTION CODE

CHAPTER 401. UNIFORM CONSTRUCTION CODE TRAINING AND CERTIFICATION OF CODE ADMINISTRATORS

§ 401.1. Definitions.

The following words and terms, when used in this part, have the following meanings, unless the context clearly indicates otherwise:

* * * * *

International Accreditation Service, Inc.—The International Accreditation Service, Inc., 5360 Workman Mill Road, Whittier, California 90601.

International Building Code **An** International Building Code issued by the ICC. Chapter 11 and Appendix E of the "International Building Code 2015" issued by the ICC. The term includes all errata issued by the ICC.

International Energy Conservation Code—**An** International Energy Conservation Code issued by the ICC. The term includes all errata issued by the ICC.

International Existing Building Code—**An** International Existing Building Code for Buildings and Facilities issued by the ICC. The accessibility provisions in the "International Existing Building Code for Buildings 2015" issued by the ICC. The term includes all errata issued by the ICC.

International Fire Code—**An** International Fire Code issued by the ICC. The term includes all errata issued by the ICC.

International Fuel Gas Code—**An** International Fuel Gas Code issued by the ICC. The term includes all errata issued by the ICC.

International Mechanical Code—**An** International Mechanical Code issued by the ICC. The term includes all errata issued by the ICC.

International Performance Code—**An** International Performance Code for Buildings and Facilities issued by the ICC. The term includes all errata issued by the ICC.

International Plumbing Code—**An** International Plumbing Code issued by the ICC. The term includes all errata issued by the ICC.

International Residential Code—**An** International Residential Code for One- and Two-Family Dwellings issued by the ICC. The term includes all errata issued by the ICC.

International Swimming Pool and Spa Code—An International Swimming Pool and Spa Code issued by the ICC. The term includes all errata issued by the ICC.

International Wildland-Urban Interface Code—**An** International Wildland-Urban Interface Code issued by the ICC. The term includes all errata issued by the ICC.

Legally occupied—Use or habitation of a building or facility that was occupied in accordance with all valid construction statutes and ordinances in effect before April 9, 2004.

Manufactured housing—Under section 901(a) of the act (35 P.S. § 7210.901(a)), housing which bears a label as required by and referenced in the Manufactured Housing Act (35 P.S. §§ 656.1—1656.9), certifying that it conforms to Federal construction and safety standards adopted under the National Manufactured Housing Construction and Safety Standards Act of 1974 (42 U.S.C.A. §§ 5401—5426).

NEC—NFPA-70, **a** National Electrical Code issued by the NFPA The term includes all errata issued by the NFPA.

NFPA—The National Fire Protection Association, One Batterymarch Park, Quincy, MA 02169.

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Uncertified building—

(i) An existing building which was not approved for use and occupancy by the Department or a municipality which was enforcing a building code before April 9, 2004.

(ii) The term does not include a residential building.

Uniform Construction Code—This part, **An** International Building Code and the International Residential Code for One- and Two-Family Dwellings, available from the International Code Council, Inc., 4051 W. Flossmoor Road, Country Club Hills, Illinois 60478-5795, (888) 422-7233; and any standards adopted by the Department in this part under sections 301 and 304 of the act (35 P.S. §§ 7210.301 and 7210.304).

Utility and miscellaneous use structures—

(i) Buildings or structures of an accessory character and miscellaneous structures not classified by the ICC in any specific use group.

(ii) The term includes carports, detached private garages, greenhouses and sheds having a building area less than 1,000 square feet.

(iii) The term does not include swimming pools or spas.

CHAPTER 403. ADMINISTRATION

§ 403.1. Scope.

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(f) The electrical, plumbing and lumber and wood provisions, except for the wood provisions related to pressure treatment, of the Uniform Construction Code do not apply to a dwelling unit or one-room school house utilized by a member or members of a recognized religious sect if a code administrator grants an exemption under section 901(b) of the act (35 P.S. § 7210.901(b)) as follows:

(1) The permit applicant shall file an application with the code administrator stating the manner in which an electrical provision, a plumbing provision or a lumber and wood provision of the Uniform Construction Code conflicts with the applicant's religious beliefs. The application must also contain an affidavit by the applicant stating:

(i) The permit applicant is a member of a religious sect.

(ii) The religious sect has established tenets or teachings which conflict with an electrical, a plumbing or a lumber and wood provision of the Uniform Construction Code.

(iii) The permit applicant adheres to the established tenets or teachings of the sect.

(A) For a dwelling unit, the dwelling will be used solely as a residence for the permit applicant and the applicant's household.

(B) For a one-room school house, the school house will be used solely by members of the religious sect.

(2) The code administrator shall grant the application for the exemption if made in accordance with paragraph (1).

(3) If the permit applicant receives an exemption for a building under section 901(b) of the act and the applicant subsequently sells or leases the building, the applicant shall bring the building into compliance with the provision of the Uniform Construction Code from which it was exempted prior to the sale or lease of the building unless the prospective subsequent owner or lessee files an affidavit in compliance with paragraph (1).

(g) Coal-fired boilers installed in residential buildings must be designed, constructed and tested in accordance with the requirements of Chapter 20, section M2001.1.1 of the "International Residential Code of 2015," except for the ASME stamping requirement.

§ 403.21. Uniform Construction Code.

(a) The Department adopts and incorporates by reference the following codes as the Uniform Construction Code:

(1) The provisions of Chapters 2—10, 12—29 and 31—35 of the "International Building Code of 2015," except:

(i) In occupancies in Use Group R-3 and within dwelling units in occupancies in Use Group R-2 the maximum riser height shall be 8 1/4 inches (210 mm) and the minimum tread depth shall be 9 inches (229 mm). A 1-inch (25 mm) nosing shall be provided on stairways with solid risers.

(ii) That Section 913.2.2 (relating to circuits supplying fire pumps) is excluded.

(iii) That in Section 2609.4 (relating to area limitations and greenhouses), exception three is modified to include "or maintaining plants."

(2) Chapter 11 of the "International Building Code of 2015."

(3) The "International Mechanical Code of 2015."

(4) The "International Fuel Gas Code of 2015 except that Section 310.3 of the "International Fuel Gas Code of 2018" (relating to arc-resistant CSST) is also adopted.

(5) The "International Performance Code of 2009."

(6) The "International Plumbing Code of 2015."

(i) Except that a municipality within a county of the second class may not administer and enforce the "International Plumbing Code" adopted under this chapter.

(ii) A municipality within a county of the second class that has adopted a plumbing code and accompanying rules and regulations under the Local Health Administration Law (16 P.S. § § 12001—12028), shall retain the authority to promulgate and enforce this plumbing code and to make any changes it deems necessary if the changes meet the Uniform Construction Code's minimum requirements.

(7) The "International Residential Code of 2015," except that:

(i) The provisions of R314.4 requiring interconnected smoke alarms do not apply to one-family and two-family dwellings undergoing alterations, repairs or additions. Noninterconnected battery operated smoke alarms shall be installed in these dwellings.

(ii) The following specifications apply to residential stairway treads and risers.

(A) The maximum riser height is 8 1/4 inches. There may be no more than a 3/8 inch variation in riser height within a flight of stairs. The riser height is to be measured vertically between leading edges of the adjacent treads.

(B) The minimum tread depth is 9 inches measured from tread nosing to tread nosing.

(C) The greatest tread depth within any flight of stairs may not exceed the smallest by more than 3/8 inch.

(D) Treads may have a uniform projection of not more than 1 1/2 inches when solid risers are used.

(E) Stairways may not be less than 3 feet in clear width and clear headroom of 6 feet 8 inches shall be maintained for the entire run of the stair.

(F) Handrails may project from each side of a stairway a distance of 3 1/2 inches into the required width of the stair.

(iii) The following provisions are excluded:

(A) Section R302.5.1 (relating to opening protection).

(B) Section R322.2.1 (relating to elevation requirements for flood hazard areas).

(C) Section R322.3.2 (relating to elevation requirements for coastal high hazard areas).

(D) Section R325.5 (relating to openness).

(E) Table R507.6 (relating to deck beam span lengths).

(F) Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls).

(G) Section N1101.4 (relating to above code programs).

(H) Section N1103.3.5 (relating to building cavities).

(I) Section N1103.5.2 (relating to demand recirculation systems).

(J) Table N1106.4 (relating to maximum energy rating index).

(K) Section P2503.5.1 (relating to rough plumbing).

(L) Section E3901.7 (relating to outdoor outlets).

(iv) The following provisions are modified:

(A) Section N1101.6 (relating to defined terms) is amended by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing.

(B) Table 1102.1.2 (relating to insulation and fenestration criteria) is amended by adding "or 18 + 6.5^H" to climate zone 6 wood frame wall R-value.

(C) Table N1102.1.2 (relating to insulation and fenestration requirements by components) is amended by adding footnote j which permits R-18 insulation to be permitted in place of R-20

requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing.

(D) Section N1102.4.1.2 (relating to testing) is amended as having an air leakage rate not exceeding five air changes per hour for all climate zones.

(E) Section N1105.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section N1102.4.1.2.

(F) Section M1601.4.1, exception 3 (relating to joints, seams, and connections) is amended by excluding this exception for snap-lock and button-lock type joints and seams located outside of conditioned spaces.

(G) Section M1602.2 item 2 (relating to return air openings) is amended to add the word perimeter before the first use of the word room.

(H) Section E3901.11 (relating to foyers) is amended by replacing 3 feet (914 mm) with 6 feet (1829 mm) and a minimum of one receptacle.

(v) The following provisions of the International Residential Code of 2009 are adopted:

(A) Section R302.5.1 (relating to opening protection).

(B) Section R322.2.1 (relating to elevation requirements for flood hazard areas).

(C) Section R322.3.2 (relating to elevation requirements for coastal high hazard areas).

(D) Section N1101.8 (relating to above code programs).

(E) Section N1103.2.3 (relating to building cavities).

(F) Section P2503.5.1 (relating to rough plumbing).

(G) Section E3901.7 (relating to outdoor outlets).

(vi) The following provisions of the "Inter- national Residential Code of 2018" are adopted:

(A) Section R325.5 (relating to openness) is adopted except for exception 2.

(B) Table R507.5 (relating to deck beam span lengths).

(C) Section R602.3.1 (relating to stud size, height, and spacing) exception 3.

(D) Table R602.3(6) (relating to alternate wood bearing wall stud size, height, and spacing).

(E) Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls).

(F) Section N1103.3.6 (relating to ducts buried within ceiling insulation).

(G) Section N1103.3.7 (relating to ducts located in conditioned space).

(H) Table N1106.4 including footnote "a" (relating to maximum energy rating index).

(8) The "International Fire Code **of 2015 except that** Section 806.1.1 (relating to natural cut trees) is not adopted under this chapter. A municipality that elects to adopt an ordinance for the administration and enforcement of the Uniform Construction Code may, by ordinance, restrict the placement of natural cut trees in an occupancy group. The ordinance restricting the placement of natural cut trees is not subject to section 503(b)—(k) of the act (35 P.S. § 7210.503(b)—(k)) and § 403.102(i)—(k) (relating to municipalities electing to enforce the Uniform Construction Code).

(9) The "International Energy Conservation Code **of 2015 except that:**

(i) The following provisions are excluded:

(A) Section R102.1.1 (relating to above code programs).

(B) Section C104.2.6 (relating to final inspection).

(C) Section R403.3.5 (relating to building cavities (mandatory)).

(D) Section R403.5.2 (relating to demand recirculation systems).

(E) Table R406.4 (relating to maximum energy rating index).

(F) Section C408.2.4 (relating to preliminary commissioning report).

(ii) The following provisions are modified:

(A) Chapter RE 2 is amended by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing.

(B) Table R402.1.2 (relating to insulation and fenestration requirements by component) is amended by adding "or 18 + 6.5" to climate zone 6 wood frame wall R-value.

(C) Table R402.1.2 (relating to insulation and fenestration requirements by components) is amended by adding footnote j which permits R-18 insulation to be permitted in place of R-20 requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing.

(D) Section R402.4.1.2 (relating to testing) is amended as having an air leakage rate not exceeding five air changes per hour for all climate zones.

(E) Section R405.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section R402.4.1.2.

(iii) The following provisions of the International Energy Conservation Code of 2009 are adopted:

(A) Section 102.1.1 (relating to above code programs).

(B) Section 104.3 (relating to final inspection).

(C) Section 403.2.3 (relating to building cavities).

(iv) The following provisions of the International Energy Conservation Code of 2018 are adopted:

(A) Section R403.3.6 (relating to ducts buried within ceiling insulation).

(B) Section R403.3.7 (relating to ducts located in conditioned space).

(C) Table R406.4 including footnote "a" (relating to maximum energy rating index).

(10) The "International Existing Building Code **of 2015 except that Section 101.2 (relating to scope) is modified to add an exception for detached residential buildings and townhouses not more than three stories above grade plane in height with a separate means of egress and their accessory structures to comply with either the International Existing Building Code of 2015 or the International Residential Code of 2015.**

(11) The "International Wildland-Urban Interface Code **of 2015.**"

(12) Appendix E of the "International Building Code of 2015."

(13) Appendix H of the "International Building Code **of 2009.**"

(b) The code adopted under subsection **(a)(8)** is part of the Uniform Construction Code to the extent that it is referenced in Chapter 35 of the "International Building Code **of 2015**" under section 302(a)(1) of the act (35 P.S. § 7210.302(a)(1)). The provisions of the Uniform Construction Code apply if there is a difference between the Uniform Construction Code and the codes or standards adopted in subsection (a). This chapter's administrative provisions govern under § 403.27(e) (relating to applicability and use of standards) if there is a conflict with the provisions of the codes relating to administration incorporated under subsection (a).

(c) Appendices to a code or standard listed in subsection (a) are not adopted in the Uniform Construction Code except for the appendices and resource information found in the "International Existing Building Code of 2015" and the appendices found in subsection **(a)(12)-(13)**.

(d) A permit applicant may utilize one of the following prescriptive methods to demonstrate compliance with the energy conservation requirements of the Uniform Construction Code. The standards are those listed for the climatic zone of this Commonwealth where the building or structure is located:

(1) The prescriptive methods for detached residential buildings contained in the **[current version of the]** "International Energy Conservation Code **of 2015**" compliance guide containing State maps, prescriptive energy packages and related software published by the United States Department of

Energy, Building Standards and Guidelines Program (REScheck™) or "Pennsylvania's Alternative Residential Energy Provisions."

(2) The prescriptive methods for all other buildings or structures contained in the **[current version of the]** "International Energy Conservation Code **of 2015**" compliance guide containing State maps, prescriptive packages and related software published by the United States Department of Energy, Building Standards and Guidelines Program (COMcheck™).

(e) Construction of individual sewage disposal systems is governed under 25 Pa. Code Chapter 73 (relating to standards for onlot sewage treatment facilities).

(f) The repair, alteration, change of occupancy, addition and relocation of existing buildings must comply with Chapter 34 of the "International Building Code **of 2015**" or with the "International Existing Building Code **of 2015**."

§ 403.23. Child day care facilities.

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(d) All other child day care facilities shall be classified under Chapter 3 of the "International Building Code **of 2015**." The facilities shall meet all Uniform Construction Code standards for these occupancy classifications.

§ 403.26. Swimming pools.

(a) A swimming pool, hot tub and spa which is accessory to a one- or two-family dwelling must comply with **the "International Residential Code of 2015" which adopts, by reference, the "International Swimming Pool and Spa Code of 2015."**

(b) A swimming pool, **hot tub or spa** that is not accessory to a one- or two-family dwelling must comply with **[this chapter, the "American National Standards for Public Pools" issued by ANSI and APSP (ANSI/NSPI-1 2003) and] the Public Bathing Law (35 P.S. §§ 672—680d) and the "International Building Code of 2015" which adopts, by reference, the "International Swimming Pool and Spa Code of 2015."**

§ 403.27. Applicability and use of standards.

(a) Portions of this chapter designate and incorporate portions of the following ICC copyrighted works:

- (1) The "International Building Code **of 2015**."
- (2) The "International Residential Code **of 2015**."
- (3) The "International Plumbing Code **of 2015**."
- (4) The "International Mechanical Code **of 2015**."

(b) The "International Residential Code of 2015" and the "International Existing Building Code of 2015" apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings no more than three stories in height with a separate means of egress and their accessory structures.

(c) The ICC owns the copyrighted works in subsection (a). Reproduced with permission. All rights reserved.

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(e) This chapter governs if there is a conflict between this chapter and the provisions of the codes relating to administration incorporated under § 403.21(a) (relating to Uniform Construction Code).

(f) A provision of the "International Mechanical Code of 2015" does not apply if the provision conflicts with the Boiler and Unfired Pressure Vessel Law (35 P.S. §§ 1331.1—1331.9).

§ 403.28. Uncertified buildings.

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(b) Under section 902(b) of the act, uncertified buildings within the Department's jurisdiction must meet the following requirements which do not apply to uncertified buildings under subsection (a):

(1) Maximum story height, minimum allowable construction type based on floor area, vertical opening and shaft protection requirements, means of egress requirements pertaining to minimum number of exits, maximum travel distances to exits, means of egress illumination, minimum egress widths and heights for exit doors, exit stairs, exit ramps and exit corridors requirements under the 'International Building Code of 2015.'

(2) Fire safety requirements in the "International Building Code of 2015" for fire alarms, fire extinguishers, heat and smoke detectors, automatic sprinkler systems and occupancy and incidental use separations. The following also apply:

(i) If construction began on a building before May 19, 1984, the installation of automatic sprinkler systems is not required.

* * * * *

(3) Accessibility requirements are applicable as follows:

(i) If construction of an uncertified building began before September 1, 1965, accessibility requirements will not be imposed by the Department.

(ii) If construction of a building began after August 31, 1965, and before February 18, 1989, and if the building is a State-owned building, a restaurant or a retail commercial establishment, the building must have at least one accessible main entrance, an accessible route from the accessible entrance to any

public spaces on the same level as the accessible entrance and, if toilet rooms are provided, the building must have at least one toilet room for each sex or a unisex toilet room complying with the accessibility requirements of the "International Building Code of 2015."

(iii) If construction of the building began after February 17, 1989, all accessibility requirements of the "International Building Code of 2015" shall be met.

(4) Structural requirements will not be imposed unless the Department determines that the building or a portion of the building has defects that are defined as dangerous in section 202 of the "International Existing Building Code of 2015." If the building is dangerous, the Department may impose only those requirements minimally necessary to remove danger to the building's occupants.

(5) A construction code official may deny the issuance of a certificate of occupancy if the official deems that a building is unsafe because of inadequate means of egress, inadequate lighting and ventilation, fire hazards or other dangers to human life or to public welfare.

(c) The following apply to uncertified buildings where the Department does not have jurisdiction and which are not governed under subsection (a):

(1) A construction code official shall issue a certificate of occupancy to an uncertified building if it meets the requirements of the latest version of the "International Existing Building Code of 2015" or Chapter 34 of the "International Building Code of 2015." The construction code official shall utilize the code for the municipality which best applies, in the official's professional judgment.

(2) A construction code official may deny the issuance of a certificate of occupancy if the official deems that a building is unsafe because of inadequate means of egress, inadequate lighting and ventilation, fire hazards or other dangers to human life or to public welfare.

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§ 403.42. Permit requirements and exemptions.

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(c) A permit is not required for the exceptions listed in § 403.1(b) (relating to scope) and the following construction as long as the work does not violate a law or ordinance:

(1) Building construction for the following:

* * * * *

(x) Swings and other playground equipment accessory to one- or two-family dwellings.

(xi) Window awnings supported by an exterior wall which do not project more than 54 inches from the exterior wall and do not require additional support of group R-3 as applicable in the "International Building Code of 2015," and Group U occupancies.

(xii) Movable cases, counters and partitions that are not over 5 feet 9 inches in height.

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§ 403.42a. Permit application.

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(f) All of the following fire egress and occupancy requirements apply to construction documents:

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(3) The permit applicant shall submit shop drawings for a fire protection system that indicates conformance with the Uniform Construction Code in accordance with the following:

(i) The shop drawings shall be approved by the building code official before the start of the system installation.

(ii) The shop drawings must contain the information required by the referenced installation standards contained in Chapter 9 of the "International Building Code **of 2015.**"

(g) Construction documents shall contain the following information related to the exterior wall envelope:

(1) Description of the exterior wall envelope indicating compliance with the Uniform Construction Code.

(2) Flashing details.

(3) Details relating to intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves, or parapets, means of drainage, water-resistive membrane and details around openings.

(h) Construction documents shall contain a site plan that is drawn to scale. The building code official may waive or modify the following site plan requirements if the permit application is for an alteration or repair or if waiver or modification is warranted. Site plan requirements include all of the following:

(1) The size and location of new construction and existing structures on the site.

(2) Accurate boundary lines.

(3) Distances from lot lines.

(4) The established street grades and the proposed finished grades.

(5) If the construction involves demolition, the site plan shall indicate construction that is to be demolished and the size and location of existing structures and construction that will remain on the site or plot.

(6) Location of parking spaces, accessible routes, public transportation stops and other required accessibility features.

(i) A permit applicant shall submit certifications required in the "International Building Code of 2015" for construction in a flood hazard area to the building code official.

(j) A permit applicant shall identify, on the application, the name and address of the licensed architect or engineer in responsible charge. The permit applicant shall notify the building code official in writing if another licensed architect or engineer assumes responsible charge.

(k) The permit applicant shall describe an inspection program, identify a person or firm who will perform special inspections and structural observations if section 1704 and 1705 of the "International Building Code of 2015" requires special inspections or structural observations for the construction.

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§ 403.44. Alternative construction materials and methods.

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(b) Materials, equipment and devices bearing the label or listed by a testing laboratory or quality assurance agency accredited by the International Accreditation Service, Inc. or another agency accredited under the "Calibration and Testing Laboratory Accreditation Systems-General Requirements for Operation and Recognition" issued by ISO (ISO Guide 58) are approved for use if:

(1) The testing laboratory or quality assurance agency deemed the material as meeting Uniform Construction Code-required standards.

(2) The scope of accreditation is applicable to Uniform Construction Code-required standards.

(c) A new building or remodeling, alteration, addition or change of use and occupancy of an existing building which complies with the International Performance Code of 2009 shall also be in compliance with the Uniform Construction Code.

§ 403.45. Inspections.

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(e) A construction code official shall conduct a final inspection of the completed construction work and file a final inspection report, which indicates that all of the following areas met Uniform Construction Code requirements after a final inspection of the completed construction work:

(1) General building under § 401.7(6) (relating to certification category specification for building inspector).

(2) Electrical under § 401.7(7).

- (3) Plumbing under § 401.7(9).
- (4) Accessibility under § 401.7(11).
- (5) Fire protection under § 401.7(6).
- (6) Mechanical under § 401.7(8).
- (7) Energy conservation under § 401.7(10)

(f) A code administrator may act in place of a lumber grading or inspection agency to satisfy the requirements under section 2303.1.1 of the "International Building Code **of 2015**" or its successor code.

§ 403.46. Certificate of occupancy.

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(b) A building code official shall issue a certificate of occupancy within 5 business days after receipt of a final inspection report that indicates compliance with the Uniform Construction Code. The certificate of occupancy shall contain the following information:

* * * * *

- (5) The applicable construction code edition applicable to the occupancy permit.
- (6) The use and occupancy classification under Chapter 3 (Use and Occupancy Classification) of the "International Building Code **of 2015**," when designated.
- (7) The type of construction defined in Chapter 6 (Types of Construction) of the "International Building Code **of 2015**," when designated.
- (8) Special stipulations and conditions relating to the permit and board of appeals' decisions and variances for accessibility requirements granted by the Secretary.

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§ 403.103. Municipalities electing not to enforce the Uniform Construction Code.

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(b) An applicant for a residential building permit shall obtain the services of a third-party agency certified in the appropriate categories to conduct the plan review and inspections under §§ 403.61—403.66 (relating to permit and inspection process for residential buildings).

(c) A building code official shall approve an alternative material, design or method of construction if the proposed design is satisfactory and complies with the intent of the Uniform Construction Code and the offered material, method or work is equivalent to Uniform Construction Code requirements for its

intended purpose. The building code official shall accept compliance with the "International Performance Code of 2009" as an alternative to compliance with the Uniform Construction Code.

(d) A building code official shall determine the climatic and geographic design criteria contained in Table R301.2(1) of the "International Residential Code of 2015" for residential construction.

(e) A third-party agency which conducts plan review and inspection of residential buildings and utility and miscellaneous use structures shall retain copies of all final inspection reports relating to Uniform Construction Code compliance.