

**Sec. 22-96. Codes adopted by reference.**

**(d) *Energy Conservation Code.*** The provisions of the International Energy Conservation Code, 2018 edition, published by the International Code Council, is hereby adopted by reference as though copied verbatim in this subsection. One copy of said code and revisions thereto was on file in the office of the city recorder for a period of 15 days prior to adoption, and that one copy of said code and revisions thereto shall remain on file in the office of the city recorder for public use, inspection and examination. The International Energy Conservation Code, 2018 edition is hereby amended as follows:

- (1) To the extent the 2018 edition of the International Energy Conservation Code contains standards more stringent than the state minimum standards adopted by the state fire marshal for one-family and two-family construction and additions thereto of thirty (30) or more square feet of interior space, the state minimum standard shall apply in accordance with Tenn. Code Ann § 68-120-101(b)(2)(A)(iii) (2023) and Tenn. Comp. R. & Regs. Chapter 0780-02-23 (2023) or as may be amended from time to time.
- (2) Section C109.1 pertaining to board of appeals general is hereby amended by adding a new sentence to read "The Board of Appeals as referenced in the International Building Code, 2018 edition shall serve as the Board of Appeals for the International Energy Conservation Code, 2018 edition."
- (23) Section R109.1 pertaining to board of appeals general is hereby amended by adding a new sentence to read "The Board of Appeals as referenced in the International Building Code, 2018 edition shall serve as the Board of Appeals for the International Energy Conservation Code, 2018 edition."
- (34) The following tables are to be replaced by tables from the 2009 edition of the International Energy Code as noted:

Replace 2018 Tables	with	2009 Tables
C402.1.4 Opaque thermal envelope Assembly requirements		502.1.2 Building Envelope requirements Opaque Element, max U-Factors
C402.1.3 Opaque thermal envelope Requirements		502.2(1) Building envelope requirements opaque assemblies
C402.4 Building envelope requirements Fenestrations		502.3 Building envelope requirements Fenestrations
C403.3.2 (1)-(9) HVAC equip performance		503.2.3(1)-(7) HVAC equip performance
R402.1.2 Insulation and fenestration Requirements by component		402.1.1 Insulation and fenestration Requirements by component
R402.1.4 Equivalent U-factors		402.1.3 Equivalent U-factors

R405.5.2 (1) Spec for standard reference and proposed design		405.5.2(1) Spec for standard reference and proposed design
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(45) CHAPTER 4 [RE] - The testing required by 402.4.2.1 (Blower Door) & 403.2.2 (Duct Blaster) become ~~mandatory~~optional effective ~~Jan. 1, 2020~~ March 1, 2024.

(e) **Residential Code.** The provisions of the International Residential Code, 2018 edition, including appendix F, Q, and J for one and two-family dwellings, published by the International Code Council, is hereby adopted by reference as though copied verbatim in this subsection. One copy of said code and revisions thereto was on file in the office of the city recorder for a period of 15 days prior to adoption, and that one copy of said code and revisions thereto shall remain on file in the office of the city recorder for public use, inspection and examination. The International Residential Code, 2018 edition is hereby amended as follows:

- (1) Section R104 is amending by adding a new section to read "R104.10.2 All references to flood prone areas contained within this code shall comply with Kingsport's duly adopted Flood Insurance Program requirements as shown on the current Flood Insurance Rate Maps (FIRM) or the Flood Boundary and Floodway Maps (FBFM) provided by the National Flood Insurance Program. Any conflicts between the requirements contained herein and those contained in the Flood Insurance Program, the duly adopted Flood Insurance Program shall apply."
- (2) Section R105.2 pertaining to work exempt from permit is amended by deleting the phrase "200 square feet" and in lieu thereof substituting the phrase "120 square feet."
- (3) Section R105.2 pertaining to work exempt from permit is amended by deleting the phrase "Fences not over 7 feet (2133 mm) high" and in lieu thereof substituting the phrase "Fences not over 8 feet high."
- (4) Section R202 pertaining to definitions is pursuant to TCA § 68-120-101(a)(8)(C)(i)(a) amended by deleting the definition of TOWNHOUSE in its entirety and in lieu thereof substituting the phrase "A single-family dwelling unit constructed in a group of three or more attached units in which each unit is separated by a 2 hour fire wall extending from foundation to roof and with a yard or public way on not less than two sides being exempt from sprinkler requirements of Section R313.1 and Section P2904 of the International Residential Code, 2018 edition, however, if a sprinkler system is installed it shall meet the requirements of these sections."
- (5) Pursuant to TCA 68-120-101(a)(8)(A), the sprinkler requirements in section R313.2 and section P2904 shall not be mandatory for One-and Two Family Dwellings, provided however, if a sprinkler system is installed it shall meet the requirements of section R313.2 and section P2904.
- (6) Chapter 11 [RE] Energy Conservation - Delete Chapter 11 in its entirety and replace it with the 2018 Energy Code as adopted per Section I 22-96 (d). The testing required by R402.4.2.1 (Blower Door) and R403.2.2 (Duct Blaster) to be ~~mandatory~~optional effective ~~Jan. 1, 2020~~ March 1, 2024.

(f) **Accessibility Code.** The provisions of the Chapter 11 of the International Building Code, 2018 edition, is hereby adopted by reference as though copied verbatim in this subsection. One copy of said code and revisions thereto was on file in the office of the city recorder for a period of 15 days prior to adoption, and that one copy of said code and revisions thereto shall remain on file in the office of the city recorder for public use, inspection, and examination.

(Code 1981, § 6-16; Code 1998, § 22-111; Ord. No. 4295, § II, 11-5-1996; Ord. No. 4441, § 1, 10-7-1997; Ord. No. 4736, § I, 2-15-2000; Ord. No. 5435, § I, 8-1-2006; Ord. No. 6430, § I, 8-19-2014; Ord. No. 6559, § I, 4-5-2016; Ord. No. 6741, § I, 7-17-2018; Ord. No. 6783, § I, 2-19-2019)