

TITLE

AN ORDINANCE TO AMEND TITLE 12, TITLED "BUILDING, UTILITY, ETC. CODES," CHAPTER 12, TITLED "ENERGY CONSERVATION CODE," OF THE CODE OF ORDINANCES, CITY OF OAK RIDGE, TENNESSEE, BY DELETING SECTION 12-1201, TITLED "ENERGY CONSERVATION CODE ADOPTED," IN ITS ENTIRETY AND SUBSTITUTING THEREFOR A NEW SECTION 12-1201, TITLED "ENERGY CONSERVATION CODE ADOPTED," AND BY CREATING A NEW SECTION 12-1202, TITLED "AMENDMENTS," ALL FOR THE PURPOSE OF ADOPTING THE 2018 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE FOR COMPLIANCE WITH TENNESSEE DEPARTMENT OF COMMERCE AND INSURANCE, DIVISION OF FIRE PREVENTION, REQUIREMENTS.

WHEREAS, the State of Tennessee Department of Commerce and Insurance, Division of Fire Prevention, allows cities to be up to seven (7) years behind the most current edition of available building and fire codes; and

WHEREAS, the City's currently adopted energy code is the 2009 International Energy Conversation Code; and

WHEREAS, the City desires to adopt the 2018 edition of the International Energy Conservation Code to be in compliance with State requirements.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF OAK RIDGE, TENNESSEE:

Section 1. Title 12, titled "Building, Utility, Etc. Codes," Chapter 12, titled "Energy Conservation Code," of the Code of Ordinances, City of Oak Ridge, Tennessee, is hereby amended by deleting Section 12-1201, titled "Energy Conservation Code Adopted," in its entirety and substituting therefor a new Section 12-1201, titled "Energy Conversation Code Adopted," which new section shall read as follows:

Sec. 12-1201. Energy Conservation Code Adopted.

The International Energy Conservation Code, 2018 edition, is hereby adopted by reference and shall become a part of this chapter as if copied herein verbatim, and shall be known as the "Energy Conservation Code."

Section 2. Title 12, titled "Building, Utility, Etc. Codes," Chapter 12, titled "Energy Conservation Code," of the Code of Ordinances, City of Oak Ridge, Tennessee, is hereby amended by creating a new Section 12-1202, titled "Amendments," which new section shall read as follows:

Sec. 12-1202. Amendments.

- (1) Table R402.1.2 Insulation and Fenestration Requirements by Component.

In the row for Climate Zone 4 except Marine, change the following: Ceiling R-Value from "49" to "38"; Wood Frame Wall R-Value from "20 or 13+5" to "13"; and Mass Wall R-Value "8/13" to "5/10." Fenestration U-Factor from "0.32" to "0.35"; Skylight U-Factor from "0.55" to "0.60"; Glazed Fenestration SHGC from "0.40" to "NR".

- (2) Table R402.1.4 Equivalent U-Factors.

In the row for Climate Zone 4 except Marine, change the following: Ceiling U-Factor from "0.026" to "0.030"; Frame Wall U-Factor from "0.060" to "0.082"; and

Mass Wall U-Factor from "0.098" to "0.141." Fenestration U-Factor from "0.32" to "0.35"; Skylight U-Factor from "0.55" to "0.60".

(3) Section R402.4.1.2 Testing.

Delete in its entirety without replacement.

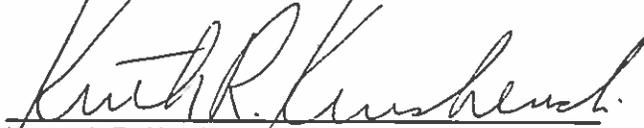
(4) Section R403.3.3 Duct Testing (Mandatory).

Delete in its entirety without replacement.

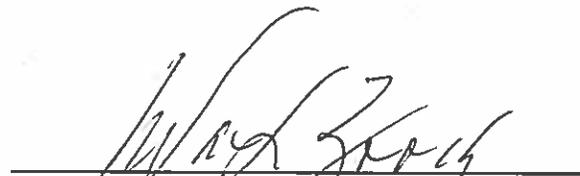
Section 3. There shall be a ninety (90) day grace period from the effective date of the ordinance to allow City Staff time to educate the development community and local contractors on the changes.

Section 4. This ordinance shall become effective ten (10) days after adoption on second reading, the welfare of the City of Oak Ridge requiring it.

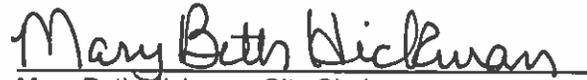
APPROVED AS TO FORM AND LEGALITY:



Kenneth R. Krushenski, City Attorney



Warren L. Gooch, Mayor



Mary Beth Hickman, City Clerk

First Reading: 04/08/2019
Publication Date: 04/11/2019
Second Reading: 05/13/2019
Publication Date: 05/16/2019
Effective Date: 05/23/2019