

COMMITTEE SUBSTITUTE FOR ORDINANCE NO. 260144

Amending Chapter 18, Code of Ordinances, by repealing Article XIV, Section 18-367 entitled “Adoption of International Energy Conservation Code (2021); amendments” and enacting, in lieu thereof, a new section of like number and subject matter that provides amendments to the residential energy (RE) section for exterior wall insulation, total building performance (HERS), energy rating index compliance (ERI), and duct testing, to promote regional competitiveness and support economic development.

WHEREAS, Committee Substitute for Resolution 251035 directed the City Manager to prepare recommendations for amendments to Chapter 18 of the City Code; and

WHEREAS, the metropolitan region has historically updated building and energy codes on a six-year cycle to maintain regional consistency and competitiveness; and

WHEREAS, the proposed residential energy code amendments provide specific compliance modifications, including permitting exterior wall insulation at R-19 without continuous insulation under the prescriptive method, establishing a Total Building Performance (HERS) compliance score of 70 for single family residences under 2,000 square feet and a compliance value of 65 for residences over 2,000 square feet, establishing an Energy Rating Index (ERI) compliance value of 70 for single family residences under 2,000 square feet and a compliance value of 65 for residences over 2,000 square feet, and removing duct leakage testing requirements when all ductwork is located entirely within the building thermal envelope; NOW, THEREFORE,

BE IT ORDAINED BY THE COUNCIL OF KANSAS CITY:

Section 1. That Chapter 18, Article XIV, Code of Ordinances of the City of Kansas City, Missouri, is hereby amended by repealing Section 18-367 and enacting, in lieu thereof, a new section of like number and subject matter to read as follows:

Sec. 18-367. Adoption of International Energy Conservation Code (2021); amendments.

The International Energy Conservation Code (2021), promulgated by the International Code Council, is adopted and incorporated in this article by reference as if fully set forth, except as it is amended by the following provisions of this section. Provisions of this article are in addition to the provisions of the International Energy Conservation Code. The following provisions coinciding with provisions of the International Energy Conservation Code supersede, or delete, when indicated, the corresponding provisions of the International Energy Conservation Code.

In addition, the IECC Appendix CC: Zero Energy Commercial Building Provisions is an option for builders to voluntarily implement.

All references within the model codes to any building, electrical, gas, mechanical, plumbing, sewage disposal, elevator, energy conservation, or existing building code shall be construed to be a reference to the respective building, electrical, gas, mechanical, plumbing, sewage disposal, elevator, energy conservation, or existing building code specifically adopted by reference in articles II through XIV of this chapter.

260144 sub

Chapter 1 [CE], SCOPE AND ADMINISTRATION is deleted. See Article I of this chapter.

C405.12 Electrical for future use on new buildings with electrical services

1. Provide 2-inch conduit run up to attic for future photovoltaic systems.
2. Provide 2-inch conduit run into parking areas for future electric vehicle charging stations.

Chapter 1 [RE], SCOPE AND ADMINISTRATION is deleted. See Article I of this chapter.

Table R402.1.3 Amend zone 4 except marine wood frame wall R-value to R19.

Table R402.4.1.1. Under 'Walls'. Amend first sentence to read: "Corners and headers shall be sealed and the junction of the foundation and sill plate shall be sealed."

R403.3.5, Exception 2. Duct leakage testing is not required when all ductwork is located entirely within the building thermal envelope.

R403.3.7, Exception. In IRC projects building framing cavities may be used as ducts or plenums where sealed to prevent leakage through the thermal envelope.

R404.4 Electrical for future use on new buildings with electrical services

1. Provide 2-inch conduit run up to attic for future photovoltaic systems.
2. Provide 2-inch conduit run into garage areas for future electric vehicle charging stations.

R405.2 Amended as follows: Performance-based compliance. Compliance based on total building performance requires that a proposed design meets all of the following and has a HERS compliance score of 70 for single family residences under 2,000 square feet and a compliance value of 65 for residences over 2,000 square feet.

Table R406.4 Amend Climate Zone 4 Energy Rating index to state the following: Energy Rating Index (ERI) compliance value of 70 for single family residences under 2,000 square feet and a compliance value of 65 for residences over 2,000 square feet.



Authenticated as Passed

[Signature]
 Quinton Lucas, Mayor
[Signature]
 Marilyn Sanders, City Clerk

FEB 05 2026

Date Passed

Approved as to form:

[Signature]
 Euard Alegre
 Associate City Attorney