

CHAPTER 5 – BUILDINGS AND BUILDING REGULATIONS

Section 5-3. International Energy Conservation Code – Adopted and Amended.

- (A) A certain document, one copy of which is on file in the City Clerk’s Office of the City of Peoria, being marked and designated as “International Energy Conservation Code, 2015 Edition,” published by the International Code Council is hereby adopted, as amended herein, as the Energy Code of the City of Peoria.
- (B) The International Energy Conservation Code, 2015 Edition, is amended as follows:
 - (1) Chapter 1 [CE], “Scope and Administration” is hereby amended as follows:

Note: For reserved sections herein, refer to the Building Code of the City of Peoria Administrative Provisions for these code requirements.

C101.2 Scope. This code applies to *commercial buildings* and the building sites and associated systems and equipment. Group R-2, when defined as a *commercial building* by Section C202, shall have the option of complying under the Residential Provisions of the code, regardless of height. Once defined as such on the submittal documents, all components of the Residential Provisions shall be followed.

Part 2 – Administration and Enforcement

Section C103 Construction Documents

~~C103.3 Examination of documents~~ Deleted in its entirety

~~C 103.4 Amended Construction Documents~~ Deleted in its entirety

~~C103.5 Retention of construction Documents~~ Deleted in its entirety

Section C104 Inspections Reserved

Section C105 Validity Reserved

Section C107 Fees Reserved

Section C108 Stop Work Orders Reserved

Section C109 Board of Appeals Reserved

- (2) Chapter 1 [RE], “Scope and Administration” is hereby amended as follows:

R102.1.2 RESNET Testing & Inspection Protocol. The Residential Energy Services Network (RESNET) Mortgage Industry National Home Energy Rating System Standard Protocol for third party testing and inspections, shall be deemed to meet the requirements of Sections R402.4.1.1, R402.4.1.2, and R403.3.2 and shall meet the following conditions:

1. Third Party Testing and Inspections shall be completed by RESNET certified Raters or Rating Field Inspectors and shall be subject to RESNET Quality Assurance Field Review procedures.
2. Sampling in accordance with Chapter 6 of the RESNET Standards shall be performed by Raters or Rating Field Inspectors working under a RESNET Accredited Sampling Provider.
3. Third Party Testing is required for the following items:
 - a. R402.4.1.1 – Building Envelope – Thermal and Air Barrier Checklist
 - b. R404.4.1.2 – Testing – Air Leakage Rate

- c. R403.3.2 – Sealing – Duct Tightness
4. The other requirements identified as “mandatory” in Chapter 4 shall be met.
 5. Alternate testing and inspection programs and protocols shall be allowed when approved by the Code Official.

Part 2 – Administration and Enforcement

Section R103 Construction Documents

~~**R103.3 Examination of documents**~~ Deleted in its entirety

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Section R104 Inspections Reserved

Section R105 Validity Reserved

Section R107 Fees Reserved

Section R108 Stop Work Orders Reserved

Section R109 Board of Appeals Reserved

(3) Chapter 4 [RE], “Residential Energy Efficiency” is hereby amended as follows:

Section R403.3.1 Insulation (Prescriptive). Supply and return ducts in attics shall be insulated to a minimum of R-8 where 3 inches (76 mm) in diameter and greater and R-6 where less than 3 inches (76 mm) in diameter. Supply and return ducts in other portions of the building shall be insulated to a minimum of R-6 where 3 inches (76 mm) in diameter or greater and R-4.2 where less than 3 inches (76 mm) in diameter.

Exceptions: ~~Ducts or portions or portions thereof located completely inside the building envelope.~~

1. Ducts or portions thereof located completely inside the building thermal envelope
2. Supply ducts may be insulated to a minimum of R-6 when one or more of the following conditions are met:
 - 2.1 Minimum SEER rating of space heating/cooling system is increased to 16.
 - 2.2 Maximum U-factor is decreased to 0.30 and maximum SHGC is decreased to 0.22 for all fenestration products.
 - 2.3 Wall cavity insulation minimum R-value is increased to R-19.
 - 2.4 Residential buildings that meet the requirements of sections R102.1.1 or R405.

Table R406.4 Maximum Energy Rating Index, is amended for Climate Zone 2 as follows:

TABLE R406.4
MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
1	52
2	52 <u>59</u> ¹
3	51
4	54
5	55
6	54
7	53
8	53

¹Energy generated from on-site renewable energy shall not be included in the calculation of the Energy Rating Index value.