

DIVISION 2. ENERGY CODE

Sec 5-146. International Energy Conservation Code – Adopted. The International Energy Conservation Code, 2009 Edition as published by the International Code Council, Inc., a copy of which is on file in office of the City Secretary, as amended by Sec. 5-147, administered and enforced by the office of the Building Official is hereby adopted by reference and designated as the Energy Code of the City as though such code were copied at length in this article.

Sec 5-147. Same – Deletions and Amendments. The energy code adopted in this article is hereby amended and changed in the following respects :

Section 101.1 Title. Replace [NAME OF JURISDICTION] with City of Hurst,

*****Section 101.4.2; change to read as follows:**

101.4.2 Historic Buildings. Any building or structure that is listed in the State or National Register of Historic Places; designated as a historic property under local or state designation law or survey; certified as a contributing resource with a National Register listed or locally designated historic district; or with an opinion or certification that the property is eligible to be listed on the National or State Registers of Historic Places either individually or as a contributing building to a historic district by the State Historic Preservation Officer of the Keeper of the National Register of Historic Places, shall comply with all of the provisions of this code.

Exception: Whenever a provision or provisions shall invalidate or jeopardize the historical designation or listing, that provision or provisions may be exempted.

*****Section 101.4; add second paragraph to read as follows:**

When a commercial flat roofed building, built prior to the adoption of the IECC, is re-roofed, roof deck insulation shall be installed with an R value of not less than R-19.

*****Section 103.1.1; add Section 103.1.1 to read as follows:**

103.1.1 Alternative compliance. A building certified by a national, state, or local accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance. The United States Environmental Protection Agency's Energy Star Program certification of energy code equivalency shall be considered in compliance.

*****Section 202; add the following definition:**

GLAZING AREA. Total area of the glazed fenestration measured using the rough opening and including sash, curbing or other framing elements that enclose conditioned space. Glazing area includes the area of glazed fenestration assemblies in walls bounding conditioned basements. For doors where the daylight opening area is less than 50 percent of the door area, the glazing area is the daylight opening area. For all other doors, the glazing area is the rough opening area for the door including the door and the frame.

*****Section 401.2, Item #1; change to read as follows:**

1. Sections 402.1 through 402.3, 403.2.1 and 404.1 (prescriptive) and the use of Tables 402.1.1 and 402.1.3 are limited to a maximum *glazing area* of 15% window area to floor area ratio; or
2. *{language unchanged}*

*****Section 402.2.12; Add Section 402.2.12 to read as follows:**

Section 402.2.12 Insulation installed in walls. Insulation batts installed in walls shall be totally surrounded by an enclosure on all sides consisting of framing lumber, gypsum, sheathing, wood structural panel sheathing or other equivalent material approved by the building official.

*****Section 405.4.1; add the following sentence to the end of paragraph:**

RemRateTM, Energy GaugeTM, and IC3 are deemed acceptable performance simulation programs.

***** Section 501.2; add second paragraph:**

New buildings (shell buildings) designed to be heated or air conditioned in the future shall meet the code requirements for envelope design at the time of construction.

*****Section 502.2.1; Replace second paragraph to read as follows:**

Suspended or drop in ceilings shall not be considered as part of the building envelope. Insulation installed on top of the ceiling grid shall not be considered to meet envelope requirements. Pre-existing buildings may retain the insulation installed in this manner. Pre-existing buildings where 50% or more of the insulation is removed for remodeling, or any other reason, shall then meet the current code requirements.

Sections 5-148 thru 5-155 Reserved