

AN ORDINANCE TO AMEND CHATTANOOGA CITY CODE SECTION 10-33, WHICH ADOPTED THE 2009 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE, SECTION 402.4.2, REGARDING AIR SEALING AND INSULATION.

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SECTION 1. BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that Chattanooga City Code Section 10-33, which adopted the 2009 Edition of the International Energy Conservation Code, be and hereby is amended by striking Section 402.4.2 of that code in its entirety and substituting in lieu thereof the following:

Section 10-33 Energy Code Adopted

The International Energy Conservation Code, 2009 Edition, one (1) copy of which is, and has been on file in the Office of the Clerk of the City Council Clerk for more than fifteen (15) days, is hereby adopted as the official Energy Code of the City and with an amendment to Section 402.4.2 which shall include the following provisions:

**402.4.2 Air sealing and insulation.** Building envelope air tightness and insulation installation shall be demonstrated to comply with the following Sections 402.2.4.2.1 and 402.2.4.2.2.

**402.4.2.1 Testing.** Building envelope tightness and insulation installation shall be considered acceptable when tested air leakage is less than seven air changes per hour (ACH) when tested with a blower door at a pressure of 50 pascals (1psf). Testing shall occur after rough in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances. The blower door test shall be conducted, recorded and submitted to the code official by an approved third party inspection agency.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed;
2. Dampers shall be closed, but not sealed, including exhaust,

- intake, makeup air, backdraft and flue dampers;
- 3. Interior doors shall be open;
- 4. Exterior openings for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
- 5. Heating and cooling system(s) shall be turned off;
- 6. HVAC ducts shall not be sealed; and
- 7. Supply and return registers shall not be sealed.

**402.4.2.2 Visual inspection.** Building envelope tightness and insulation installation shall be considered acceptable when the items listed in Table 402.4.2, applicable to the method of construction, are field verified. Where required by the *code official*, an *approved* party independent from the installer of the insulation shall inspect the air barrier and insulation.

SECTION 2. BE IT FURTHER ORDAINED, That this Ordinance shall become effective immediately after its passage.

PASSED on Second and Final Reading

\_\_\_\_\_, 2013.

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CHAIRPERSON

APPROVED: \_\_\_\_\_ DISAPPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_, 2013

\_\_\_\_\_  
MAYOR

PAN/kac