

**City of Elmhurst**

**Amendments  
to the  
ICC International Energy Conservation Code  
2015 Current Edition**

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**City of Elmhurst**

**Amendments  
to the  
ICC INTERNATIONAL ENERGY CONSERVATION CODE  
(2015 Current Edition, Effective 1/1/2016  
Per the State of Illinois)**

1. The International Energy Conservation Code 2015 edition has been adopted by the State of Illinois and mandatory enforcement and compliance with the code is required by all municipalities in the State of Illinois. All buildings built in the City of Elmhurst shall comply with the International Energy Conservation Code 2015 edition.
2. The State of Illinois Amendments to the IECC 2015 edition and shall be enforceable and adhered to. Access the amendments by going to: [www.ildceo.net/energycode](http://www.ildceo.net/energycode) then go to, "[Illinois Amendments](#)" in blue and click on it, then click on "Illinois Specific Amendments".
3. **Ventilation Air required per R403.6**  
The mandatory requirements for ventilation air, by the State of Illinois Amendments to the IECC shall apply as well as IECC Section R403.6
4. The City of Elmhurst recommends the "[Prescriptive Method](#)" of complying with the IECC. (Ref. Section R402)
5. Any "**Building Performance-Based**" energy design, (such as Remrate or similar total performance design) shall be submitted to an approved third party agency at the expense of the Contractor. (Ref. Section R405)

6. The **Results** of the review or any prescribed **Testing**, shall be sent directly to the Building Department.
7. **Witness Test**  
The Building Department reserves the right and the option to witness all tests.
8. **Residential Energy Review & Testing by Third Party – Required**  
The IECC energy review and building thermal envelope testing shall be performed by an approved third party agency at the expense of the contractor. The results of the review and tests which evidence compliance with all of the provisions set forth in the International Energy Conservation Code **2015** edition, shall be submitted to the Building Department.
9. **The Following needs to be Reviewed, Test Performed or Information provided by an Approved Third Party Agency – at the Contractors Expense.** The Third Party Agency shall be one that is approved by the City of Elmhurst.

- **Blower Door Test**

The Building Thermal Envelope shall comply with Section R 402.4.1 as having an air leakage rate of not exceeding 5 air changes per hour.

- **Duct Blaster Test**

Duct tightness shall be tested and verified to comply with Section **R403.3.3** of the IECC when ducts are located outside the building thermal envelope. (If all the ducts are in the conditioned space, the duct blaster test is not required.)

- **Manual J – Equipment Sizing per **R403.7****

Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.

- **Simulated Performance Alternative – Remrate & etc. per R405**

When using the Simulated Performance Alternates such as Remrate in lieu of the prescriptive method, the design shall comply with all of the requirements in Section R405 of the IECC.

- **Mandatory Certificate – Reviewed by Third Party**

The mandatory certificate as required by Section R401.3 of the IECC shall be reviewed for accuracy and approved by a Third Party agency before posting. The Third Party agency shall be one that is approved by the City of Elmhurst.

R401.3 Certificate **(Mandatory)**. A permanent certificate shall be completed and posted on or in the electrical distribution panel by the builder or registered design professional. The certificate shall not cover or obstruct the visibility of the circuit directory label, service disconnect label or other required labels. The certificate shall list the predominant R-values of insulation installed in or on ceiling/roof, walls, foundation (slab, basement wall, crawlspace wall and/or floor) and ducts outside conditioned spaces; U-factors for fenestration and the solar heat gain coefficient (SHGC) of fenestration, and the results from any required duct system and building envelope air leakage testing done on the building. Where there is more than one value for each component, the certificate shall list the value covering the largest area. The certificate shall list the types and efficiencies of heating, cooling and service water heating equipment. Where a gas-fired unvented room heater, electric furnace, or baseboard electric heater is installed in the residence, the certificate shall list “gas-fired unvented room heater,” “electric furnace” or “baseboard electric heater” as appropriate. An efficiency shall not be listed for gas-fired unvented room heaters, electric furnaces or electric baseboard heaters.

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