

**Application Details**

\* Project Address

\* Permit Application Number

**Certification of Compliance with Energy Conservation Code and Solar Reflectance Requirements**

To the best of my knowledge, belief, and professional judgment, all work shown in the construction documents for this application is:

- In compliance with the residential requirements of the 2019 Chicago Energy Conservation Code, as detailed below.
- Exempt from the energy conservation requirements of the 2019 Chicago Energy Conservation Code as: [\(select one\)](#)
  - The reconstruction or renewal of any part of an existing building for its maintenance or to correct damage. (No alterations or additions)
  - The alteration, relocation, or change of occupancy of a historic building, and the report required by Section R501.6 is attached to this statement.

Roof coverings, if any, in this application comply with the solar reflectance requirements of the Chicago Building Code (Sec. 1515).

Additionally, the construction documents submitted with this application comply with the specific requirements of the Chicago Energy Conservation Code and the general requirements of the Chicago Construction Codes Administrative Provisions (Title 14A).

I have notified the permit applicant of the requirements to perform post-construction air-leakage testing in Section R402.4.1.2 and duct testing in Section R403.3.3, if applicable.

\* Signature

\* Date

\* Professional Seal

\* Printed Name

\* Illinois License Number

**\* Compliance Method**

- REScheck (Recommended)** [Visit www.energycodes.gov/rescheck for more information.](http://www.energycodes.gov/rescheck)  
A REScheck compliance certificate demonstrating the project's compliance with IECC-2018 is attached to this statement. Complete and accurate information about the project was entered into REScheck.
- Prescriptive Path**  
A report or narrative substantiating how the project complies with the prescriptive requirements of the Energy Conservation Code, including Sections R401, R402, R403 and R404 is attached to this statement.
- Simulated Performance Method**  
The project complies with Section R405 and the provisions of Sections R401 through R404 labeled "mandatory." A compliance report meeting the requirements of Section R405.4.2.1 is attached to this statement.
- Energy Rating Index**  
The project complies with the provisions of Sections R401 through R404 labeled "mandatory" and Section R403.5.3. A pre-construction compliance report meeting the requirements of Section R406.6.2 is attached to this statement. Proof that the permit applicant has hired a third party to provide a post-construction energy rating is also attached to this statement.

**Instructions**

This form must be completed by an Illinois-licensed architect or engineer and submitted with every application to construct or alter a residential building, which is defined as a detached one-family dwelling or any building that has four or fewer stories above grade plane and that contains multiple units in which the occupants reside on a primarily permanent basis, such as a townhouse, row house, apartment house, convent, monastery, fraternity or sorority house, student dormitory, or rooming house. If a residential building contains non-residential uses, other than parking, a Commercial Compliance Statement is also required. No form is required with permit applications for temporary structures, communications equipment, construction equipment, electrical-only permits, or easy permits for unconditioned detached private garages.

Written reports of post-construction testing do not need to be submitted to the Department unless specifically requested during inspection.

Fields and sections marked with a red star (\*) are required.

**Mandatory Residential Provisions**

The following mandatory energy conservation requirements apply to all residential construction and alteration projects:

- |  |  |   |
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| <b>R401.3</b> certificate must be posted in furnace or utility room with energy values | <b>R403.3.2</b> ducts must be sealed   | <b>R403.7</b> heating and cooling equipment must be sized per ACCA manuals S and J              |
| <b>R402.4</b> building thermal envelope must be constructed to limit air leakage:      | <b>R403.3.3</b> ducts must be pressure tested  | <b>R403.8</b> multi-family heating and cooling systems must comply with commercial requirements |
| • fireplace: tight-fitting flue damper or doors  | <b>R403.3.5</b> no using cavities as ducts/plenums                                   | <b>R403.9</b> snow melt systems must have automatic shut-off                                    |
| • windows, skylights, sliding doors: ≤ 0.3 cfm/ft <sup>2</sup>                         | <b>R403.4</b> pipes carrying fluids > 105°F or < 55°F must be insulated, R-3 minimum | <b>R404.1</b> at least 75% of lamps in permanent fixtures must be high-efficacy                 |
| • swinging doors: ≤ 0.5 cfm/ft <sup>2</sup>  | <b>R403.5</b> hot water systems must have controls                                   | <b>R404.1.1</b> continuous-burning pilot lights prohibited                                      |
| • recessed lighting: IC-rated and airtight   | <b>R403.5.3</b> hot water pipes must be insulated, R-3 minimum                       |   |
| <b>R403.1</b> must provide programmable thermostat for heating and cooling systems     | <b>R403.6</b> mechanical ventilation must meet Illinois-specific requirements        |   |