

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 is four stories or less above grade 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, dormitory, or rooming house. If a residential building contains non-residential uses, other than parking, a Commercial Compliance Statement is also required. This form is not required for electrical-only and easy permit applications.

1. Project Information

Address:

Permit App. No.:

2. Professional Certification of Compliance with Chicago Energy Conservation and Solar Reflectance Requirements

To the best of my knowledge, belief, and professional judgment, all work shown in the plans submitted with this permit application is:

- In compliance with the residential requirements of the Chicago Energy Conservation Code (Title 14N) as detailed in section 3.
- Exempt from the energy conservation requirements of the Chicago Construction Code as (*select one*):
- the reconstruction, or renewal of any part of an existing building for its maintenance or to correct damage (repairs). (NO alterations or additions)
 - the alteration, relocation, or change of occupancy of a historic building, and the report required by R501.6 is attached to this compliance statement.

Roof coverings to be installed under this application comply with the solar reflectance requirements of the Chicago Building Code (Sec. 1515). Additionally, the plans and documents submitted with this application comply with the specific requirements the Chicago Energy Conservation Code (as applicable) and the general requirements of Chapter 14A-4 of the Chicago Construction Codes.

I have notified the permit applicant of the requirements to perform post-construction air-leakage testing in R402.4.1.2 and duct testing in R403.3.3, if applicable. (*Note: written report(s) of testing do not need to be provided to the Department unless specifically requested.*)

Name:

IL License No.:

Seal:

Signature:

3. Compliance Method

A. REScheck (RECOMMENDED)

visit www.energycodes.gov/rescheck for more info

A REScheck compliance certificate demonstrating the project's compliance with IECC-2018 is attached to this compliance statement. Accurate information about the project was entered into REScheck.

B. Prescriptive Method

A report or narrative substantiating how the project complies with the prescriptive requirements of the Energy Conservation Code, including R401, R402, R403, and R404 is attached to this compliance statement.

C. Simulated Performance Method

The project complies with R405 and the provisions of R401 through R404 labeled "Mandatory." A compliance report meeting the requirements of R405.4.2.1 is attached to this compliance statement.

D. Energy Rating Index

The project complies with the provisions of R401 through R404 labeled "Mandatory" and R403.5.3. A pre-construction compliance report meeting the requirements of R406.6.2 is attached to this compliance statement. Proof that the permit applicant has hired a third party to provide a post-construction energy rating is also attached to this compliance statement.

NOTE: The City of Chicago accepts reports by RESNET-certified Home Energy Raters in accordance with the HERS® Index.

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

R401.3 certificate must be posted in furnace or utility room with energy values

R402.4 building thermal envelope must be constructed to limit air leakage:

- fireplace: tight-fitting flue damper or doors
- window, skylight, sliding door: ≤ 0.3 cfm/ft²
- swinging door: ≤ 0.5 cfm/ft²
- recessed lighting: IC-rated and air-tight

R403.1 must provide programmable thermostat for heating and cooling systems

R403.3.2 ducts must be sealed

R403.3.3 ducts must be pressure tested

R403.3.5 no using cavities as ducts/plenums
R403.4 pipes carrying fluids $> 105^{\circ}\text{F}$ or $< 55^{\circ}\text{F}$ must be insulated, R-3 minimum

R403.5 hot water systems must have controls
R403.5.3 hot water pipes must be insulated, R-3 minimum

R403.6 mechanical ventilation must meet Illinois requirements

R403.7 heating/cooling equipment must be sized per ACCA manuals S & J

R403.8 multi-family systems must comply with commercial requirements

R403.9 snow melt systems must have automatic shut-off

R404.1 Min. 75% of lamps in permanent fixtures must be high-efficacy

R404.1.1 Continuous-burning pilot lights prohibited