

Nebraska Energy Code Certification

Date _____

Permit Number _____

I _____ hereby certify the structure contained in this

Print Name

building permit application complies with the Nebraska Energy Code (RRS 81-1608 to 81-1626) in accordance with the following method:

Party Responsible for IECC Compliance _____

Signature

Residential

_____ **IECC - International Energy Conservation Code, Chapters 4 & 5** - This box will probably rarely be used by residential contractors. The IECC is intended for use in homes that have more than 15% net glazing area in the exterior walls. The typical home that we see submitted for permits is in the 11% to 15% range for net glazing area. You may use this option if you desire, however if you do, you will need to submit all your energy calculation at the same time as your building permit application.

_____ **REScheck** - signed compliance certificate required - Checking this box allows you to use the REScheck energy calculation program. This is a free download from the U.S. Department of Energy. This program gives you more versatility to pick and choose the way you want to insulate your residence. If this box is checked, you will be required to submit the calculations and the signed compliance statement which are both printed out when you complete the calculations for the residence. The web address to download this program is www.energycodes.gov. **Be sure that you click on "code" and check 2003 IECC, and use Lincoln, NE as your project location.**

State Energy Code requirements associated with Rescheck

Mechanical-

- Heat & Cooling systems need sized appropriately.
- Heat pump with supplementary electric resistance heaters must be equipped with controls that prevent heater operation when the heating load is capable of being met by the heat pump.
- All duct work must be sealed.
- Supply duct work in unconditioned attic or outside must be R-8 insulation.
- Return duct work in unconditioned attic or outside must be R-4 insulation.

Plumbing-

- All of the NEC requirements regarding Service Water Heating . These requirements include, but not limited to, issues regarding combination service water heating/space heating boilers, swimming pools, circulation pipe insulation, conservation of hot water and heat traps.

Electrical-

- Separate electrical metering shall be installed on each individual dwelling unit.
- Recessed fixtures installed within a building envelope shall be IC rated air tight cans.

Building-

- Foundation walls require insulation to comply with REScheck.

Commercial

_____ **IECC - International Energy Conservation Code, Chapter 8**

_____ **COMcheck** - signed compliance certificate required - Checking this box allows you to use the COMcheck energy calculation program. This is a free download from the U.S. Department of Energy. This program gives you more versatility to pick and choose the way you want to insulate your building. If this box is checked, you will be required to submit the calculations and the signed compliance statement which are both printed out when you complete the calculations for the building. The web address to download this program is www.energycodes.gov.

_____ **Commercial Building can also meet the ASHRAE / IESNA 90.1**