

Larimer County Building Department

RESIDENTIAL ENERGY EFFICIENCY CERTIFICATION LETTER

The 2024 International Residential Code requires a permanent energy efficiency certificate to be posted on a wall in the furnace room, a utility room or other approved location. The certificate shall be filled out completely by the builder and posted prior to the building final inspection request. Where there is more than one heating system in the home, list the system covering the largest area under "Heating System" and any additional units under "comment" if necessary.

Remember:

- 1.) All permanently installed lighting fixtures, excluding kitchen appliance lighting fixtures, shall contain only high-efficacy lighting sources.
- 2.) Permanently installed lighting fixtures shall be controlled with either a dimmer, an occupant sensor control or other control that is installed or built into the fixture.
- 3.) Where the total permanently installed exterior lighting power is greater than 30 watts, the permanently installed exterior lighting shall comply with the following:
 - a. Lighting shall be controlled by a manual on and off switch which permits automatic shut-off actions.
 - b. Lighting shall be automatically shut off when daylight is present and satisfies the lighting needs.
 - c. Controls that override automatic shut-off actions shall not be allowed unless the override automatically returns automatic control to its normal operation within 24 hours.
- 4.) The installation of the continuous air barrier and air sealing shall be inspected by the approved air leakage tester during construction, while all components are visible and accessible. A report shall be provided to the county inspector prior to insulation inspection, detailing any deficiencies found and details of corrective actions taken.
- 5.) A building envelope performance verification of the components of the building thermal envelope shall be installed in accordance with the manufacturer's instructions and the criteria indicated in the current International Residential Code, as applicable to the method of construction. The installation of the continuous air barrier shall be verified by the code official and an approved air leakage testing agency (see form attached to the permit).