

# Quality Home Construction Checklist: Iowa Energy Code



We're proud to help today's home builders, contractors and code officials stay up-to-date on current building codes and energy efficiency best practices. While this checklist doesn't include every requirement in Iowa's energy code (2012 International Energy Conservation Code), you can use this as a guide while assessing new homes, ensuring construction quality and making decisions about energy efficiency.

## Air Sealing

- All holes between floors and through walls have been sealed with caulk or foam. Examples include:
  - Entrance point for phone and cable wires
  - Entrance point for plumbing in walls, floors and ceiling
  - A blower door test result at or below 4ACH50

## Energy Certificate

- Energy Certificate located on circuit breaker box is completed, dated and signed

## Ducts

### In attic (select one):

- Ceiling and walls are insulated
- Ducts are sealed and insulated to a value of R-8 in attics and R-6 elsewhere

### Whole house:

- All ducts are sealed with mastic, regardless of location - duct tape is not acceptable
- A code compliant ventilation system is provided

## Basement/Crawl Space

### Select one:

- The basement/crawl space walls are insulated, HVAC supply is provided and there are no vents in the crawl space (preferred)
- Floor over basement/crawl space is insulated

## Windows & Doors

- Windows and doors have a U-factor of 0.32 or less
- Skylights have a U-factor of 0.55 or less

## Heating & Cooling

- A licensed installer was used and the system was inspected

## Alternative Compliance Path

- If any of these requirements are not met, ask the builder for documentation showing the home meets minimum standards for energy consumption

