

**Adoption of the 2015 IRC and 2015 IECC  
Effective 7/1/2015**

**New inspection for close-in or dry-in of a house includes:**

- 1) House wrap installation, taping of seams, windows and doors or if zip panels are used taping of panels
- 2) Installation of Ice guard at eave edge of roof

**Framing inspection will include:**

- 1) Framing to the 2015 IRC
- 2) Sealing of all holes drilled for plumbing and wiring and outside penetrations
- 3) Masonry chimneys shall have a rain cap of stone or metal to shed water.

**Insulation inspection for the 2015 IECC will include:**

- Basic prescriptive values:
  - ✓ R49 ceilings (R38 is allowed in ceilings with attics if uncompressed to the outside of the exterior wall as it would be with a raised heel truss.) Up to 500 sq. ft. or 20% (whichever is less) of the total area of a cathedral ceiling may be R30 if the space to be insulated is too shallow to allow R49
  - ✓ R30 in floors or insulation to fill the joist cavity – minimum R19
  - ✓ Slab on grade floors not 12” below grade must be insulated to R10 to 2’ below grade or insulated horizontally beneath the slab 2’. Use R15 if slab is heated.
  - ✓ R20 wall in stud pockets or R13 in 2x4 studs with R5 sheathing on exterior
  - ✓ Basement walls (walls that are at least 50% below grade) R15 continuous sheathing or R19 in stud pockets. R5 continuous on interior or exterior plus R13 in a 2”x4” wall is also allowed.
  - ✓ Conditioned crawl spaces are insulated same as basements. R15 insulation must continue 2’ below grade or extend 2’ horizontally into the crawl space area
  - ✓ Fenestration U factor is .32 maximum
  
- Seal caulk or foam:
  - ✓ Joints, seams and penetrations
  - ✓ Site built windows, doors and skylights
  - ✓ Foam around window and doorjamb
  - ✓ Seal the inside of an exterior wall where a drop ceiling will be attached or where a chase is attached
  - ✓ Seal the inside of an exterior wall behind a tub, shower or behind a zero clearance or gas fireplace or similar space – also seal the face of stud walls or rafters behind tongue and groove wood finishes.
  - ✓ Garage walls and ceilings connected to conditioned space
  - ✓ Common walls on duplexes
  - ✓ Attic access openings, attics stairs must be insulated and weather sealed
  - ✓ Walls and ceilings behind T&G wood finishes
  - ✓ Wood burning fireplaces must have gasketed doors, rain cap and tight fitting flue dampers on masonry flues
  - ✓ Can lights must be sealed and IC rated and caulked or gasketed to the finished surface

➤ Mechanical:

- ✓ Forced air furnaces must have programmable thermostats
- ✓ Heat pumps must have controls that prevent back-up heater from coming on unless the heat pump cannot handle the load
- ✓ Ducts must be sealed and insulated if outside of conditioned space – R8 in attics, R6 elsewhere
- ✓ If any ductwork is outside of the conditioned area a blower test is required to check for leaks
- ✓ Hot and cold water lines in mechanical systems R3
- ✓ Circulating hot water lines and cooling pipes R3
- ✓ Exterior air intakes and exhausts must have dampers
- ✓ Snowmelt heaters must have thermostats
- ✓ Thermostats on pool heaters must have an on – off switch
- ✓ Timer switches are required on pool heaters and pumps
- ✓ Heated pools must have covers
- ✓ 75% of the lamps in the light fixtures must be high – efficacy lamps
- ✓ Mechanical vent system
- ✓ Insulation on hot water lines

A permanent certificate shall be posted on or in the electrical panel listing the R-values of insulation, U factors of fenestration and type of heating equipment