

Air Barrier and Insulation Inspection Checklist

COMPONENT	CRITERIA
<input type="checkbox"/> Air barrier and thermal barrier	Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier. Breaks or joints in the air barrier are filled or repaired. Air-permeable insulation is not used as a sealing material. Air-permeable insulation is inside of an air barrier.
<input type="checkbox"/> Ceiling/attic	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed. Attic access (except unvented attic), knee wall door, or drop down stair is sealed.
<input type="checkbox"/> Walls	Corners and headers are insulated. Junction of foundation and sill plate is sealed.
<input type="checkbox"/> Windows and doors	Space between window/door jambs and framing is sealed.
<input type="checkbox"/> Rim joists	Rim joists are insulated and include an air barrier.
<input type="checkbox"/> Floors (including above-garage and cantilevered floors)	Insulation is installed to maintain permanent contact with underside of subfloor decking. Air barrier is installed at any exposed edge of insulation.
<input type="checkbox"/> Crawl space walls	Insulation is permanently attached to walls. Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.
<input type="checkbox"/> Shafts, penetrations	Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.
<input type="checkbox"/> Narrow cavities	Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.
<input type="checkbox"/> Garage separation	Air sealing is provided between the garage and conditioned spaces.
<input type="checkbox"/> Recessed lighting	Recessed light fixtures are air tight, IC rated, and sealed to drywall. Exception-fixtures in conditioned space.
<input type="checkbox"/> Plumbing and wiring	Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.
<input type="checkbox"/> Shower/tub on exterior wall	Showers and tubs on exterior walls have insulation and an air barrier separating them from the exterior wall.
<input type="checkbox"/> Electrical/phone box on exterior walls	Air barrier extends behind boxes or air sealed-type boxes are installed.
<input type="checkbox"/> Common wall	Air barrier is installed in common wall between dwelling units.
<input type="checkbox"/> HVAC register boots	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.
<input type="checkbox"/> Fireplace	Fireplace walls include an air barrier.

Location: _____

Permit #: _____

I attest that the above listed prescriptive measures of the 2009 International Energy Conservation Code have been met or exceeded in compliance with Section **402.4.2.2 Visual inspection option**. Building envelope tightness and insulation installation shall be considered acceptable when the items listed in Table 402.4.2, applicable to the method of construction, are field verified. Where required by the *code official*, an *approved* party independent from the installer of the insulation shall inspect the air barrier and insulation.

Signed: _____

Dated: _____