



# THIRD PARTY VISUAL INSPECTION FORM

## ENERGY EFFICIENCY AIR BARRIER AND INSULATION INSPECTION CHECK LIST

For compliance with the 2013 Residential Code of Ohio (RCO) Section 1102.4.2.2 Visual Inspection Option and Table 1102.4.2 or 2009 IECC Section 402.4.2.2 Visual Inspection Option and Table 402.4.2

**Job site Address:** \_\_\_\_\_

*Street Address & City/Township*

| ✓ IN COMPLIANCE          | COMPONENT   | CRITERIA   |
|--------------------------|---|--|
| <input type="checkbox"/> | Building Envelope                                       | The correct building envelope insulation R-value / U-factor, fenestration U-factor, and duct system R-value, are installed.  |
| <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. Correct R-value insulation and U-factor Fenestration is installed.   |
| <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 floor/insulation.  |
| <input type="checkbox"/> | Crawlspace walls  | Insulation is permanently attached to walls. Exposed earth in unvented crawlspaces 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 airtight, IC rated and sealed to drywall. Exception - fixtures in conditioned spaces.  |
| <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 boxes 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.  |

**By signing below, I verify the components listed above have been installed per the above criteria, the Approved Plans, the Certification of Plan Approval, and the 2013 RCO or 2009 IECC as applicable. NOTE: This completed form is required to be submitted to the Lake County Building Department for review prior to requesting a final inspection. FAX: (440) 350-1660**

Verifier (Print Name): \_\_\_\_\_

Company: \_\_\_\_\_

(Signature): \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

City/State: \_\_\_\_\_

Phone: \_\_\_\_\_