

RESIDENTIAL DUCT & ENVELOPE TESTING (DET) FORM

House Address: _____ Permit #: _____ Date: _____

Permit holder: _____ Phone: _____

I. Building Envelope Air Leakage (mandatory):

Blower door test (Mandatory)

Test Result:

Fan Flow at 50 Pascals = _____ CFM50 Total Conditioned Volume = _____ ft³

ACH50 = CFM50 x 60 / Volume = _____ ACH50

Visual Inspection (Mandatory)

Air Barrier and Insulation Installation Final Inspection Checklist (on reverse) has been completed and signed

Testing company: _____ Phone: _____

Tester Name (print): _____ Signature: _____ Date: _____

BPI or HERS certification number: BPI no: _____ HERS Rater no: _____ HERS RFI no: _____

II. Heating and Cooling System Duct Leakage

I certify that all portions of the ducts are located entirely within the building thermal envelope. Testing is not required.

Owner or approved third party signature: _____ Date: _____

Total duct leakage test

Energy code compliance path: Prescriptive (including REScheck) Performance or Energy Rating Index

Type of test performed: Rough-in with air handler Rough-in without air handler Post construction

Test Result System 1:

Fan Flow at 25 Pascals (CFM25) _____ CFM Conditioned Floor Area (CFA) served by system = _____ ft²

CFM25 / CFA x 100 = _____ CFM/100 ft²

Test Result System 2 (if present):

Fan Flow at 25 Pascals (CFM25) _____ CFM Conditioned Floor Area (CFA) served by system = _____ ft²

CFM25 / CFA x 100 = _____ CFM/100 ft²

Testing company: _____ Phone: _____

Tester Name (print): _____ Signature: _____ Date: _____

BPI or HERS certification number: BPI no: _____ HERS Rater no: _____ HERS RFI no: _____

Qualified professionals may be found at:

<https://peconehomes.com/builders/find-participating-raters> | <http://www.bpi.org/locator-tool/find-a-contractor>

AIR BARRIER AND INSULATION INSTALLATION FINAL INSPECTION CHECKLIST

House Address: _____ Permit #: _____ Date: _____

Permit holder: _____ Phone: _____

FINAL INSPECTION

Ceiling/Attic	<input type="checkbox"/>	Recessed light fixtures installed in the building thermal envelope are sealed to the drywall.
	<input type="checkbox"/>	Insulation is installed in each ceiling assembly that separates conditioned space from unconditioned space or outdoors
	<input type="checkbox"/>	Insulation R-value is R-49 or greater. ¹ (A minimum of R-38 insulation is allowed if the full height of uncompressed insulation extends over the top of the walls.)
	<input type="checkbox"/>	Access openings, drop down stairs, or knee wall doors to unconditioned attic spaces are sealed.

¹Exception: Values match those listed in an approved REScheck, Simulated Performance, or ERI report.

Notes:

Testing company: _____ Phone: _____

Tester Name (print): _____ Signature: _____ Date: _____

BPI or HERS certification number: BPI no: _____ HERS Rater no: _____ HERS RFI no: _____