

## 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 = \_\_\_\_\_ ft<sup>3</sup>

ACH50 = CFM50 x 60 / Volume = \_\_\_\_\_ ACH50\*

Testing company: \_\_\_\_\_ Phone: \_\_\_\_\_

Tester Name (print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

BPI or HERS certification number: BPI no: \_\_\_\_\_ HERS Rater no: \_\_\_\_\_ HERS RFI no: \_\_\_\_\_

\*For Simulated Performance Alternative and Energy Rating Index Paths, value must match IECC Energy Cost Report or Final ERI Report

### 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 = \_\_\_\_\_ ft<sup>2</sup>

CFM25 / CFA x 100 = \_\_\_\_\_ CFM/100 ft<sup>2</sup>

**Test Result System 2 (if present):**

Fan Flow at 25 Pascals (CFM25) \_\_\_\_\_ CFM      Conditioned Floor Area (CFA) served by system = \_\_\_\_\_ ft<sup>2</sup>

CFM25 / CFA x 100 = \_\_\_\_\_ CFM/100 ft<sup>2</sup>

Testing company: \_\_\_\_\_ Phone: \_\_\_\_\_

Tester Name (print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

BPI or HERS certification number: BPI no: \_\_\_\_\_ HERS Rater no: \_\_\_\_\_ HERS RFI no: \_\_\_\_\_