



## Duct Tightness/Blower Door Test Verification Form

Site Address \_\_\_\_\_

Company Performing Test/Contact Information phone, email \_\_\_\_\_

Certification Number/Certification Agency \_\_\_\_\_

### Duct Tightness

Square Footage of Residence \_\_\_\_\_ CFM25 \_\_\_\_\_ Fan Pressure PA \_\_\_\_\_ Flow Ring \_\_\_\_\_ Duct Leakage per 100 SQ feet \_\_\_\_\_

#### N1103.2.2 (R403.2.2) Sealing (Mandatory).

Duct tightness shall be verified by either of the following:

1. Postconstruction test: Total leakage shall be less than or equal to 4 cfm (113.3L/min) per 100 square feet (9.29 m<sup>2</sup>) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test.

2. Rough-in test: Total leakage shall be less than or equal to 4 cfm (113.3 L/min) per 100 ft<sup>2</sup> (9.29 m<sup>2</sup>) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure. All registers shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 3 cfm (85 L/min) per 100 square feet (9.29 m<sup>2</sup>) of conditioned floor area.

### Blower Door

CFM50 \_\_\_\_\_ House PA \_\_\_\_\_ Fan PA \_\_\_\_\_ Flow Ring \_\_\_\_\_ Air leakage Rate \_\_\_\_\_

Type of Ventilation used to meet the code requirement \_\_\_\_\_

#### N1102.4.1.2 (R402.4.1.2) Testing.

The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 3 air changes per hour in Zones 3 through 8. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). A written report of the results of the test shall be signed by the party conducting the test and provided to the *building official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

The combined air exchange rate for infiltration and mechanical ventilation shall be determined in accordance with Equation 43 of 2001 ASHRAE *Handbook of Fundamentals*, page 26.24 and the "Whole-house Ventilation" provisions of 2001 ASHRAE *Handbook of Fundamentals*, page 26.19 for intermittent mechanical ventilation.

\_\_\_\_\_  
Printed name certified person performing test

\_\_\_\_\_  
Signature/Date

By signing above I hereby attest that the above listed home meets the requirements of the  
2015 International Residential Code, Chapter 11