



City Of Fort Walton Beach

BLOWER DOOR TEST FORM

Building Permit #: _____

Job Information:

Address: _____ Unit #: _____

City: _____ State: _____ Zip Code: _____

Air Infiltration Test Results:

CFM(50) = _____

Volume = _____

ACH(50) = $\text{CFM}(50) \times 60 / \text{Volume}$ _____

= ☐ Pass ☐ Fail

Certification of Test Results:

R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour in Climate Zones 1 and 2, and 3 air changes per hour in Climate Zones 3 through 8. Testing shall be conducted with blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.99.(5) or (7), Florida Statutes or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an *approved* third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the *code official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

I hereby certify that the above Air Infiltration Test results demonstrate compliance with Florida Energy Code requirements in accordance with the Florida Building Code-Energy Conservation R402.4.1.2 5th Edition (2014).

Signature: _____

Printed Name: _____ Date: _____

Company: _____ License #: _____

Blower Door Testing and Mechanical Ventilation (Required for permits submitted July 1, 2017 and after)

The Fifth Edition of the Florida Building Code (FBC) requires blower door testing for all residential dwelling units. This would include single family houses, townhouses, duplexes and each condominium and apartment unit where the building is three (3) stories or less. The Energy Code requires that the ACH (air changes per hour) be seven (7) or less. Mechanical ventilation is required if the blower door test has a result of less than three (3) ACH.

Who can perform the blower door test?

Individuals with the following certifications/licensures will be approved:

1. Individuals defined under FS 553.993 (5) or (7)
 - Energy Auditor or Energy Rater
 - Currently Certified through RESNET or BPI (Building Performance Institute)
2. Individuals licensed under FS 489.105(3)(f), (g) or (i);
 - Class A Air Conditioning Contractor
 - Class B Air Conditioning Contractor
 - Mechanical Contractor
3. Individuals who have obtained blower door training certification from a recognized agency

The attached Blower Door Test Form is to be completed by the tester. The Blower Door Test Form is required to be signed by the license holder or the certificate holder. The Blower Door Test Form is to be provided to the City of Fort Walton Beach Building Department before the Certificate of Occupancy will be issued.