

NOTICE

UPCOMING CODE CHANGES FOR RESIDENTIAL CONSTRUCTION

Florida Energy Conservation Building Code R101.4 states:

Effective July 1, 2017: New construction on residential buildings or dwelling units shall have mandatory Blower Door Testing performed by an Approved 3rd Party Agency.

Approved 3rd Party Agency individuals who can conduct the test means:

1. Individuals defined under FS 553.993 (5) or (7)
 - Energy Auditor or Energy Rater
 - Currently Certified through RESNET or BUILDING PERFORMANCE INSTITUTE

2. Individuals licensed under FS 489.105(3)(f), (g) or (i) who have received proper training in blower testing methods and procedures.
 - Class A Air Conditioner Contractor
 - Class B Air Conditioner Contractor
 - Mechanical Contractor

The completed Test Report shall be signed by the qualified individual that conducted the test. Proof of proper certification and/or training shall be attached to the Test Report and submitted to the Building Division prior to issuance of the Certificate of Occupancy.

Additional details and a sample certification form will be provided.

Envelope Leakage Test Report

(Blower Door Test)

R402.4.1.2 Compliance



Permit #: _____

Job Information

Builder:	Community:	Lot:
Address:	Unit:	
City:	State: FL	Zip:

Air Leakage Test Results Passing results must be 7 ACH(50) or less

$$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \text{ACH}(50) = \text{ACH}(50)$$

PASS

FAIL

- Method for calculating building volume:
- Retrieved from architectural plans
 - Code software calculated
 - Field measured and calculated

When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

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, 3 air changes per hour in Climate Zones 3 through 8. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), F.S. 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*.

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 5th Edition Florida Building Code Energy Conservation requirements Section R402.4.1.2, Climate Zone 1 and 2.

Date of Test: _____

Signature of Tester: _____

Printed Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____

* Attach Copy of Certificate