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## **Building Construction Notice**

**Subject: Mandatory Residential Air Infiltration**

**Date: June 14, 2017**

The purpose of this notice is to inform the building industry that permit applications for new construction on residential buildings or dwelling units **submitted on or after July 1, 2017** shall have mandatory Blower Door Testing. (Enacting Florida Building Code R101.4.9 and R402.4.1.2)

Tests will be accepted from the following individuals:

1. Individual defined under FS 553.993 (5) or (7)
  - Energy Rater or Energy Auditor
  - Currently certified through RESNET, Building Performance Institute or other approved agency.
  
2. Individuals licensed under FS 489.105 (3)(f),(g), or (i)
  - Class A & B Air Conditioning Contractors and Mechanical Contractors.
  - 489 Licensed Individuals must submit proof of education and certification from an approved agency for blower door testing.

Blower door testing reports verifying 7 air changes per hour or less must be signed by the qualified individual who performed the test and submitted to the Building Department Office prior to scheduling final inspection. Tests can be hand delivered or emailed to [Inspections@leegov.com](mailto:Inspections@leegov.com).

\*Note: if the report shows less than 3 air changes, mechanical ventilation will be required per Florida Building Code R303.4.

Thank you for your cooperation and attention to this notice. Please call 239-533-8329 or email [eConnect@leegov.com](mailto:eConnect@leegov.com) if you have any questions.

**[Envelope Leakage \(Blower Door\) Test Report](#)**

Department of Community Development  
1500 Monroe Street, Fort Myers, FL 33901  
Phone: 239-533-8585 / Fax: 239-485-8344  
Inspections – Phone: 239-533-8501 / Fax: 239-485-5555



### Envelope Leakage (Blower Door) Test Report

Permit Number: \_\_\_\_\_

Builder Name: \_\_\_\_\_

Job Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

2014 Florida Building Code R402.4.2.1 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 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), Florida Statutes or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or 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.

**During Testing:**

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
3. Interior doors, if installed at the time of the test, shall be open;
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
6. Supply and return registers, if installed at the time of the test, shall be fully open.

**Envelope Leakage Test Results:**

CFM(50) = \_\_\_\_\_ Volume = \_\_\_\_\_ ACH(50) = CFM(50) X 60 / Volume = \_\_\_\_\_

Pass       Fail

***Passing results must be 7 ACH(50) or less***

\*Note: if the report shows less than 3 air changes, mechanical ventilation will be required per Florida Building Code R303.4.

**I hereby certify that the above envelope leakage performance results demonstrate compliance with Florida Energy Code requirements.**

License/Certification Number: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_