

NOTICE

Mandatory Residential Air Infiltration (Blower Door)

Testing requirement begins July 1, 2017

Florida Statutes 553.908 and the Florida Building Code/Energy Conservation require sealing and testing of the building thermal envelope for new residential buildings per R402.4.1.2. *The form on the backside must be completed in full and filed with the West Palm Beach Development Services Division.*

Effective July 1st 2017; Building permits applications for New Construction of residential buildings or dwelling units shall have mandatory Blower Door Testing performed as a requirement to obtain a Certificate of Occupancy by an Approved 3rd Party Agency.

Development Services shall accept tests performed by the following:

1. Individuals licensed under FS 489.105(3)(f), (g) or (i);
2. Individuals defined under FS 553.993 (5) or (7)

Blower Door Testing reports verifying 7 air changes per hour or less must be submitted prior to the issuance of Certificate of Occupancy, signed by the registered, qualified individual who performed the test.

Individuals who can conduct the test include:

1. Individuals defined under FS 553.993 (5) or (7)
 - (5) “Energy auditor” means a trained and certified professional who conducts energy evaluations of an existing building and uses tools to identify the building’s current energy usage and the condition of the building and equipment.
 - (6) “Energy rater” means an individual certified by a building energy-efficiency rating system to perform building energy-efficiency ratings for the building type and in the rating class for which the rater is certified
2. Individuals licensed under FS 489.105(3)(f), (g) or (i);
 - (f) Class A Air Conditioning Contractor
 - (g) Class B Air Conditioning Contractor
 - (h) Mechanical Contractor



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*

$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \text{ACH}(50) = \text{ACH}(50)$ <p style="text-align: center;"> <input type="checkbox"/> PASS <input type="checkbox"/> FAIL </p>	<p>Method for calculating building volume:</p> <input type="checkbox"/> Retrieved from architectural Plans <input type="checkbox"/> Code software calculated <input type="checkbox"/> Field measured and calculated
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When ACH (50) is equal to or 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). The party conducting the test and knowledge by the structure's contractor shall sign a written report of the results of the test. The test shall be 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 compliance with the 5th Edition Florida Building Code Energy Conservation Requirements Section R402.4.1.1 Climate Zone 1 and 2

Date of Test _____

Signature of Tester: _____

Printed name of Tester: _____

License/Certification #: _____ Issuing Authority _____

As the Division I contractor for the above mentioned residential building, I have verified and concur with the test results as submitted.

Division I Contractor Signature _____

Printed name of Division I Contractor: _____ License/Certification _____