




Nassau County Building Department
96161 Nassau Place
Yulee, Florida 32097

Bulletin 01-2020

MEMORANDUM

Date: February 3, 2020
TO: Permit Applicants
FROM: Keith Ellis, CBO, CEAP, MCP, CFM, Building Official 
SUBJECT: Blower Door Testing and Mechanical Ventilation (**required for permits submitted after July 1, 2017**)

House Bill 535 delayed implementation of the blower door testing requirements of the Florida Building Code- Residential. This Bulletin addresses the final inspection requirements which will be uniformly enforced consistently among the North Florida building jurisdictions using the same Blower Door Test Form starting with permits submitted on or after July 1, 2017.

The blower door test form must be submitted for all residential dwelling units' three stories or less which includes single family dwellings, town houses, duplexes and **each** condominium and apartment units. The 2017 FBC – Energy Conservation section R402.4.1.2, requires air leakage rate not exceeding 7 air changes per hour in our climate zone 2. If less than 3 air changes per hour per 2017 Florida Building Code Residential section R303.4 provide whole-house mechanical ventilation per section M1507.3

The Blower Door Test Form (attached) must be provided to the Inspector at the Final Building Inspection. Please do not fax, email or regular mail this form to our office.

Test may be performed by:

- Class A or B A/C contractor or Mechanical Contractor
- RESNET approved HERS Rater or Residential Field Inspector
- API approved Building Analyst or Energy Auditor
- Professional Engineer

If you have any questions, please let me know



Permit #:

Blower Door Test Form

For Prescriptive and Performance Method

Job Information

Builder: _____

Community: _____ Lot #: _____

Address: _____ Unit #: _____

City, State, Zip: _____

Air Infiltration Test Results

CFM(50) = _____ Volume = _____

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

Pass

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

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 (h) 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*.

Authorized Third Party

I hereby certify the above results and that I hold the below certification:

____ Class A or B A/C contractor or Mechanical contractor License No. _____

____ RESNET approved HERS Rater or Residential Field Inspector Certification No. _____

____ BPI approved Building Analyst or Energy Auditor Certification No. _____

____ Professional Engineer License No. _____

Signature: _____

Printed Name: _____ Date: _____