Bulletin #18: Blower Door Testing

EFFECTIVE DATE: July 1, 2017, Revised Date: March 27, 2018
TO: All Staff
FROM: Jonathan Walsh, Chief Building Official
SUBJECT: Blower Door Testing


1. This applies to NEW CONSTRUCTION and ADDITIONS, or ALTERATIONS exceeding 85% of the building thermal envelope per FBC Existing Building 6th Edition 2017.

2. Affected building types include Residential 1 and 2 Family & Townhouses as well as R - 2, R - 3, and R - 4 Multi-Family dwellings up to 3 stories.

3. Blower Door Test to be conducted AFTER all penetrations of the building thermal envelope have been made immediately BEFORE Building Final Inspection (115).

4. Blower Door Test must be: ACH (50) = 7 or less. However, if ACH(50) < 3, Mechanical Ventilation is REQUIRED and abatement method must be verified by the Growth Management Department (GMD), per FBC Residential 6th Edition (2017)

5. The Envelope Leakage Test Report must be completed and signed by the Approved 3rd Party Certified Individual performing the testing.

6. Submit completed reports to the GMD office via email: BlowerDoorTests@colliercountyfl.gov

7. Reports must be accepted and resolved by the building department prior to issuance of Certificate of Occupancy.

8. Blower Door Testing must be conducted by an Approved 3rd Party Certified Individual, which includes the following:
   a. Design Professional
   b. RESNET / BPI Certified Energy Auditor or Energy Rater
   c. Individuals licensed under FS 489.105(3) (f), (g), or (i) as:
i. Class A Air Conditioning Contractor

ii. Class B Air Conditioning Contractor

iii. Mechanical Contractor

iv. Alternative equivalent certifications will require pre-approval. To obtain pre-approval, submit the proposal, including certification curriculum, by email with the subject line “Pre-Approval” and send to BlowerDoorTests@colliercountyfl.gov.

d. The company performing the Blower Door Test MUST be registered with the Growth Management Department, showing proof of licensure and/or certification, proof of liability insurance, workman’s compensation, and business tax receipt.


Digitally signed by
WalshJonathan

Date: 2018.05.07 08:37:28 -04'00'