

CITY OF PORT ST. LUCIE BUILDING DEPARTMENT

ENVELOPE LEAKAGE TEST REPORT (Blower Door Test)

FBC Energy R402.4.1.2 Compliance

PERMIT #:

PROPERTY ADDRESS:

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 489.15(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*.

Mechanical Installer: _____ License # _____

(Must be third party, no conflict of interest.)

Test Conducted By: _____

Please initial below:

_____ I am not an employee of the mechanical installer and have no vested interest with said installer

_____ I hereby certify that the above House Infiltration and Duct Sealing results demonstrate compliance with the 6th Edition FBC Energy Conservation requirements in accordance with Section R402.4.1.2 Climate Zone 2 & Section R403.3.2

Signature

Date: _____

Print Name

License/Certification # _____

(Must attached copy with this form)

Email Address: _____

Form created 08/15/2017 t.j.v. updated 12/27/2018

Form must be submitted prior to Final Inspection. Submit to Inspections Division – inspections@cityofpsl.com

BLOWER DOOR AFFIDAVIT