

# Duct Leakage Test Report

## Prescriptive or Performance Method

Permit #:

### Job Information

Builder: \_\_\_\_\_ Community: \_\_\_\_\_ Lot: \_\_\_\_\_

Address: \_\_\_\_\_ Unit: \_\_\_\_\_

City: \_\_\_\_\_ State: FL Zip: \_\_\_\_\_

### Duct Leakage Test Results Prescriptive Method Performance Method

System 1	_____ cfm25
System 2	_____ cfm25
System 3	_____ cfm25
Sum of any additional systems	_____ cfm25
<b>Total of all systems</b>	<b>_____ cfm25</b>

#### Prescriptive Method cfm25 (Total)

To qualify as "substantially leak free" Qn must be less than or equal to 0.04 if air handler unit is installed. If air handler unit is not installed, Qn Total must be less than or equal to 0.03. This testing method meets the requirements in accordance with Section R403.2.2

#### Performance Method cfm25 (Out or Total)

To qualify as "substantially leak free" Qn must not be greater than the proposed duct leakage Qn specified on Form R405-2014

$$\frac{\text{Total of all systems}}{\text{Total Conditioned Square Footage}} = \text{_____ Qn}$$

**PASS**

**FAIL**

*Leakage Type selected on Form R405-2014 (Energy Calc)*

*Qn specified on Form R405-2014 (Energy Calc)*

### Testing Company

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

I hereby verify that the above duct leakage testing results are in accordance with the Florida Building Code requirements with the selected compliance path as stated above, either the Prescriptive Method or Performance Method.

Date of Test: \_\_\_\_\_

Signature of Tester: \_\_\_\_\_

Printed Name of Tester: \_\_\_\_\_

License/Certification #: \_\_\_\_\_ Issuing Authority: \_\_\_\_\_

## **Blower Door Test Requirements:**

### **Blower Door Testing and Mechanical Ventilation (Required for permits applications submitted July 1, 2017 and after)**

The Fifth Edition of the Florida Building Code (FBC) requires blower door testing for all residential dwelling units. This would include single family houses, townhouses, duplexes and each condominium and apartment unit where the building is three (3) stories or less. The Energy Code requires that the ACH (air changes per hour) be seven (7) or less. Mechanical ventilation is required if the blower door test has a result of less than three (3) ACH.

#### **Who can perform the blower door test?**

**Individuals** with the following certifications/licensures will be approved:

1. Individuals defined under FS 553.993 (5) or (7)
  - Energy Auditor or Energy Rater
  - Currently Certified through RESNET or BPI (Building Performance Institute)
2. Individuals licensed under FS 489.105(3) (f), (g) or (i);
  - Class A Air Conditioning Contractor
  - Class B Air Conditioning Contractor
  - Mechanical Contractor
3. Individuals who have obtained blower door training certification from a recognized agency.

If you wish to be approved, please submit the following information to Rene, Licensing Specialty with Okaloosa County Dept. of Growth Mgmt. with the following information:

1. Copy of certification with RESNET OR BPI;
2. Copy of current local business tax receipt;

#### **What needs to be submitted and when?**

The attached Blower Door Test Form is to be completed by the tester. The Blower Door Test Form is required to be signed by the license holder or the certificate holder. The Blower Door Test Form is to be provided to the City of Destin Building Division before the Certificate of Occupancy will be issued. The form shall accompany a copy of blower door test certification with RESNET, BPI or qualified third party testing agency or hold license per FS489.105(3)(F), (G) OR (I).