



INDIAN RIVER COUNTY/CITY OF VERO BEACH
BUILDING DIVISION
1801 27th Street, Vero Beach, FL 32960

5TH EDITION FBC ENERGY CONSERVATION CODE R403.2.2
Duct Sealing (Duct Blaster) Certification
Prescriptive and Performance Method

Date: _____ Permit #: _____ Lot #: _____

Contractor: _____ Address: _____

Construction: Post Construction Test Rough-in Test

Test Conditions:	
Date: _____	Floor Area (ft ²): _____
Time: _____	Primary Location of Supply Ductwork _____
Indoor Temperature (F): _____	Primary Location of Return Ductwork _____
Outdoor Temperature (F): _____	

Total Leakage Test (Outside)		Duct Leakage: <input type="checkbox"/> Default <input type="checkbox"/> Prop. Leak Free <input type="checkbox"/> Proposed Qn = _____	
Test Pressure: _____ (Pa)			
Baseline Duct Pressure (optional) _____ (Pa)			
Duct Press. (Pa)	Flow Ring Installed	Fan Press (Pa)	Flow (cfm)
Results: <input type="checkbox"/> Pass <input type="checkbox"/> Fail			
Total Leakage (cfm): _____			
Total Leakage per 100 sqft: _____			
CFM25 x 100 divided by the CFA = Duct Leakage			
CFM/100 sqft.			

R403.2.2 Sealing (Mandatory). All ducts, air handlers, and filter boxes and building cavities that form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section C403.2.7.2 of the Commercial Provisions of this code and shall be shown to meet duct tightness criteria below. Duct tightness shall be verified by testing to Section 803 of the RESNET Standards by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in section 489.105(3)(f), (g), or (i), Florida Statutes, to be "substantially leak free" by either of the following: 1. Post construction test: Total leakage shall be less than or equal to 4 cfm per 100 square feet of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. All registered boots shall be taped or otherwise sealed during the test. 2. Rough-in test: Total leakage shall be less than or equal to 4 cfm per 100 square feet of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure. All registers shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 3 cfm per 100 square feet conditioned floor area. Exceptions: 1. The total leakage test is not required for ducts and air handlers located entirely within the building thermal envelope. 2. Duct testing is not mandatory for building complying by Section 405 of this code.

Certification Tests will be accepted from the following Individuals:

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

*FS 489 licensed individuals will need to submit proof of certification from an approved organization indicating education, training, use, and evaluation of testing results for the blower door and duct testing equipment and procedures

Testing Company

Company Name: _____ Address: _____

I hereby certify that the above Duct Sealing Leakage results demonstrate compliance with 5th Edition FBC Energy Conservation requirements in accordance with Section R403.2.2.

Signature: _____

Printed Name: _____

License/Certification #: _____