

2B Services, Inc

HVAC Sales and Services • Duct Testing & Repairs

Serving the Fayetteville & Surrounding Areas

1493 Seabrook School Rd. Fayetteville, NC 28312



DUCT TESTING PROCEDURE

Sealing all ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Joints and seams shall comply with Section 603 of the NC Mechanical Code

Duct tightness shall be verified as follows:

Total duct leakage less than or equal to 6 CFM (17 L/min) per 100 ft² (9.29 m²) of conditioned floor area served by that system 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.

During testing:

1. Block, if present, the ventilation air duct connected to the conditioning system.
2. The duct air leakage testing equipment shall be attached to the largest return in the system or to the air handler.
3. The filter shall be removed and the air handler power shall be turned off.
3. Supply boots or registers and return boxes or grilles shall be taped, plugged, or otherwise sealed air tight.
4. The hose for measuring the 25 Pascals of pressure differential shall be inserted into the boot of the supply that is nominally closest to the air handler.
5. Specific instructions from the duct testing equipment manufacturer shall be followed to reach duct test pressure and measure duct air leakage.

If the result is less than or equal to [6 CFM25/100 SF] the HVAC system air tightness is acceptable.

TEST RESULTS

Complete one duct leakage report for each HVAC system serving the home:

Property Address: 24 W Landing

New Home Existing Home

Builder: _____ HVAC Contractor Total Systems

HVAC System Number: 1 Describe area of home served: Front

CFM25 Total 40 Conditioned Floor Area (CFA) served by system 1337 s.f.

CFM25 x 100 divided by CFA = 3.0 CFM25/100SF

Fan attachment location Return PASS/FAIL

Company Name 2B Services Inc

Contact Information: Bobby McDemore, Jr Phone: 910-494-2123 Address: 1493 Seabrook School Rd Fayetteville, NC 28312

Bobby McDemore, Jr Signature of Tester 1-16-19 Date

NC Licensed HVAC Contractor and NC Licensed Home Inspector

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3. Specific instructions from the duct testing equipment manufacturer shall be followed to reach duct test pressure and measure duct air leakage.

If the result is less than or equal to [6 CFM25/100 SF] the HVAC system air tightness is acceptable.

TEST RESULTS

Complete one duct leakage report for each HVAC system serving the home:

Property Address: 24 W Landing

New Home Existing Home

Builder: _____ HVAC Contractor: Total Systems

HVAC System Number: 2 Describe area of home served: Back

CFM25 Total 30 Conditioned Floor Area (CFA) served by system 1337 s.f.

CFM25 x 100 divided by CFA = 2.2 CFM25/100SF

Fan attachment location Return PASS FAIL

Company Name 2B Services Inc

Contact Information: Bobby McInemore Jr Phone: 910-494-2123 Address: 1493 Seabrook School Rd Fayetteville, NC 28312

Signature of Tester: Bobby M. McInemore Jr. Date: 1-16-19

NC Licensed HVAC Contractor and NC Licensed Home Inspector