



Madison County Building Department

Phone: (540) 948-6102; Website: www.madisonco.virginia.gov

Duct Leakage Testing Affidavit (2021 USBC Version)

Per N1103.3.5 (R403.3.5) Duct testing: Ducts shall be pressure tested to determine air leakage. Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the system. Note: each system shall require a separate report.

| | |
|------------------------|--|
| Date | |
| 911 Address or Tax Map | |
| Permit Number | |

| | |
|--------------------------------------|--|
| Conditioned Floor Area (sq. ft.) | |
| Source: (Plans, Estimated, Measured) | |

Air handler installed (yes or no): _____

Select One:

☐ Rough-in Test

☐ Post Construction Test

Are ducts & air handler within the Building Thermal Envelope: _____

Choose Testing Criteria:

☐ Rough-in, total duct leakage with air handler installed (floor area x.04)= _____ cfm@25 Pa

☐ Rough-in, total duct leakage with air handler not installed (floor area x.03)= _____ cfm@25 Pa

☐ Post Construction, total duct leakage (floor area x.04)= _____ cfm@25 Pa

☐ Post Construction, Ducts/air handler within Thermal Envelope (floor area x.08)= _____ cfm@25 Pa

Test Result: _____ cfm @ 25 PA-Total Leakage ☐ Pass ☐ Fail

I certify that these duct leakage rates are accurate and determined using standard duct testing protocol in accordance with the Virginia Residential Code and the Virginia Energy Conservation Code.

| | |
|----------------------|--|
| Company Name | |
| Technician Name | |
| Technician Signature | |
| Phone Number | |
| DPOR License Number | |