

60 Thad Smith
LANE

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

Property Owner: Jonathan & Kimberly Bennett

Property Address: 341 Stockyard Rd. Hillington

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

CFM25 Total: 71 Conditional Floor Area (CFA) served by system: 1817 s.f

CFM25 x 100 divided by CFA = 3.90 CFM25/100SF (e.g. 100 CFM25 X 100/2,000 CFA=CFM25/100SF)

Fan attachment location: filter grill

Company Name: Beasley's Heating & Air, Inc.

Contact Information: 57 WC Beasley Lane, Coats, NC 27521
919-894-4248(phone); 919-894-8420 (Fax);

(E-mail)

Date: 10-15-19

Signature of Tester: F. Ben Beasley
NC Licensed HVAC Contractor

APPENDIX 1 RESIDENTIAL REQUIREMENTS

Appendix 1.1. Energy Efficiency Certificate (Section 401.3)

**TABLE 401.9
ENERGY EFFICIENCY CERTIFICATE**

Builder, Permit Holder or Registered Design Professional Print Name: <i>Moss Homebuilders & Realty Inc</i>	
Signature: <i>W. Alan Moss (President)</i>	
Property Address: <i>600 Thad Smith Lane Lillington NC 27546</i>	
Date: <i>11/19/19</i>	
Insulation Rating - List the value covering largest area to all that apply	R-Value
Ceiling/roof:	R- <i>38</i>
Wall:	R- <i>15</i>
Floor:	R- <i>19</i>
Closed Crawl Space Wall:	R-
Closed Crawl Space Floor:	R-
Slab:	R-
Basement Wall:	R-
Fenestration:	
U-Factor	<i>0.35</i>
Solar Heat Gain Coefficient (SHGC)	<i>0.29</i>
Building Air Leakage	
<input type="checkbox"/> Visually inspected according to 402.4.2.1 OR	
<input checked="" type="checkbox"/> Building Air Leakage Test Results (Sec. 402.4.2.2) ACH50 [Target: 5.0] or CFM50/SFSA [Target: 0.30]	
Name of Tester/Company:	
Date:	Phone:
Ducts:	
Insulation	R- <i>8</i>
Total Duct Leakage Test Result (Sect. 403.2.2) (CFM25 Total/100SF) [Target: 6]	
Name of Tester or Company: <i>Beasley's Heating & Air</i>	
Date: <i>10-15-19</i>	Phone: <i>910-894-4248</i>
Certificate to be displayed permanently	