

# APPENDIX R1 RESIDENTIAL REQUIREMENTS

*(Appendix exclusive to the State of North Carolina)*

## Appendix R1.1 Energy Efficiency Certificate (Section R401.3)

**TABLE R401.3  
ENERGY EFFICIENCY CERTIFICATE**

Builder, Permit Holder or Registered Design Professional	
Print Name:	
Signature:	
Property Address:	
Date:	
<b>Insulation Rating – List the value covering largest area to all that apply</b>	<b>R-Value</b>
Ceiling/roof:	R-
Wall:	R-
Floor:	R-
Closed crawl space wall:	R-
Closed crawl space floor:	R-
Slab:	R-
Basement wall:	R-
<b>Fenestration:</b>	
U-Factor	
Solar Heat Gain Coefficient (SHGC)	
<b>Building Air Leakage</b>	
<input type="checkbox"/> Visually inspected according to R402.4.2.1 OR	
<input type="checkbox"/> Building air leakage test results (Sec. R402.4.2.2) ACH50 [Target: 5.0] or CFM50/SFSA [Target: 0.30]	
Name of Tester/Company:	Date:
Signature:	Phone:
<b>Ducts:</b>	
Insulation	R-
Total duct leakage test result (Sect. R403.3.3) Circle one: Total duct leakage test (CFM25 Total/100SF) [Target: 5] Or Duct leakage to the outside test (CFM25 Total/100SF) [Target: 4]	
Name of Tester or Company:	Date:
Signature:	Phone:
<b>Certificate to be displayed permanently</b>	