

**APPENDIX E**  
**(E-1 THROUGH E-4)**  
**RESIDENTIAL REQUIREMENTS FOR ENERGY CONSERVATION**

This appendix is a North Carolina addition and not part of the 2015 *International Residential Code*.  
There will be no underlined text.

(The provisions contained in this appendix are adopted as part of this code.)

**APPENDIX E-1 Energy Efficiency Certificate (Section N1101.14)**

**ENERGY EFFICIENCY CERTIFICATE (N1101.14)**

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 N1102.4.2.1 OR	
<input type="checkbox"/> Building air leakage test results (Sec. N1102.4.2.2) ACH50 [Target: 5.0] or CFM50/SFSA [Target: 0.30]	
Name of Tester/Company:	
Date:	Phone:
<b>Ducts:</b>	
Insulation	R-
Total duct leakage test result (Sect. N1103.3.3) 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:	Phone:
<b>Certificate to be displayed permanently</b>	