


APPENDICES E-1 THROUGH E-4

RESIDENTIAL REQUIREMENTS

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

**APPENDIX E-1
ENERGY EFFICIENCY CERTIFICATE (Section N1101.9)**

ENERGY EFFICIENCY CERTIFICATE N1101.9	
Builder, Permit Holder, or Registered Design Professional:	
Print Name:	James Gurkin
Signature:	
Property Address:	8213 Old US 421 Highway, Lillington NC
Date:	5/12/24
<i>Insulation Rating – List the value covering largest area to all that apply</i>	<i>R-Value</i>
Ceiling/roof:	R- 38
Wall:	R- 21
Floor:	R- N/A
Closed Crawl Space Wall:	R- N/A
Closed Crawl Space Floor:	R- N/A
Slab:	R- 15
Basement Wall:	R- N/A
<i>Fenestration:</i>	
U-Factor:	.34
Solar Heat Gain Coefficient (SHGC)	.21
<i>Building Air Leakage</i>	
Visually inspected according to N1102.4.2.1 OR	
Building Air Leakage Test Results (See N1102.4.2.2) ACH50 (Target: 5.0) or CFM50/SFSA <Target: 0.30>	
Name of Tester/Company: Southern Comfort Services, Inc	
Date: 5/12/24	Phone: 919-883-6880
<i>Ducts:</i>	
Insulation: R-8	R- 8
Total Duct Leakage Test Result (Sect.N1103.2.2) (CFM25 Total/100SF) <Target: 0.30>	.27
Name of Tester/Company: Southern Comfort Services, Inc	
Date: 5/12/24	Phone: 919-883-6880
Certificate to be displayed permanently	