



Roanoke City New Construction Energy Certificate

This certificate is Mandatory and “shall be completed by the builder or other approved party and posted on a wall in the space where the furnace is located, a utility room on an approved location inside the building” per 2018 Virginia Residential Code, §N1101.14 (R401.3).

Location

Address: _____

City: _____ State: _____ Zip: _____

Applicable Building Permit #: _____

<u>Equipment Efficiencies</u>		
System Type (RATING)	HVAC System 1	HVAC System 2
Heating (HSPF ___ / AFUE ___)	_____ or N/A - See *Ex #: _____	_____ or N/A - See *Ex #: _____
Cooling (SEER)	_____	_____
Water Heater (UEF)	_____	_____
*Exemptions: 1) gas-fired unvented room heater, 2) electric furnace, 3) baseboard electric heater		

<u>Blower Door Test Results:</u>		Date Tested: _____	
Conditioned Volume of Dwelling	Habitable Square Footage	ACH50 Results	CFM50 Results
_____	_____	_____	_____

<u>Duct Testing Results:</u>				_____ Check if additional systems (see attached document)
HVAC System 1	Date Tested:	HVAC System 2	Date Tested:	
	_____ N/A ___		_____ N/A ___	
Conditioned Floor Area:	_____ ft ²	Conditioned Floor Area:	_____ ft ²	
Total Leakage per 100 square ft:	_____ CFM	Total Leakage per 100 square ft:	_____ CFM	
* N/A - Test not required. Ducts and air handlers are located entirely within the building thermal envelope				

Please Enter All Applicable R-Values & U-Factor Values			
Fenestration U-Factor	_____	Mass Wall R-Value	_____
Skylight U-Factor	_____	Floor R-Value	_____
Glazed Fenestration SHGC	_____	Basement Wall R-Value	_____
Ceiling R-Value	_____	Slab R-Value & Depth	_____, _____ ft
Wood Frame Wall R-Value	_____	Crawl Space Wall R-Value	_____

By signing this document, you confirm that you are the builder, or approved party, and have verified the above information as true and accurate. You understand that any false statements are in violations of the 2018 Virginia Residential Code (VRC), §N1101.14 (R401.3), and may result in denial of permit, fines, or other penalties deemed appropriate by the Building Official and the City of Roanoke.

_____ **Date Verified:** _____

Printed Name of Builder (or approved party)

Signature of Builder (or approved party)

Phone: _____ **Email:** _____