

Sample Energy Efficiency Certificate

Energy Efficiency Certificate

Insulation Rating		R-Value		R-Value	
Ceiling /Roof	Attic	R- 38	Vaulted	R- 30	
	Walls	Frame		R- 20	Mass
	Basement	R- 10		Crawl space	R- 10
Floors	Over unconditioned space	R- 19	Slab edge	R- 10	
Ducts	Attic	R- 8	Other	R- N/A	

Air Leakage Test Results

Blower door	3.0	ACH/50 Pa.	Duct testing	4.0	Cfm/100 ft ²
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Penetration Rating	NFRC U-Factor		NFRC SHGC	
Window	U- 0.32		0.40	
Opaque door	U- 0.32		N/A	
Skylight	U- 0.55		0.40	

Equipment Performance	Type	Efficiency	
Heating system	Gas forced-air	90%	AFUE
Cooling system	Central AC	15	SEER
Water heater	Gas (Storage-type)	0.57	EF

Indicate if the following have been installed (an efficiency shall not be listed)

electric furnace
 gas-fire unvented room heater
 baseboard electric heater

Designer/builder

Code edition

2012 IRC

Date

01/2/2013



Permanent Energy Efficiency Certificate

The *International Energy Conservation Code*® (IECC®) and the *International Residential Code*® (IRC®) require a permanent energy certificate for residential buildings. This requirement applies to detached one- and two-family dwellings and multiple single-family dwellings (townhouses) as well as Group R-2, R-3 and R-4 buildings three stories or less in height above grade plane.

The permanent certificate shall be completed and posted on or in the electrical distribution panel by the builder or registered design professional. The certificate shall not cover or obstruct the visibility of the circuit directory label, service disconnect label or other required labels.

The certificate shall list the

- predominant R-values of insulation
- U-factors for fenestration
- the solar heat gain coefficient (SHGC) of fenestration
- types and efficiencies of heating, cooling and service water heating equipment

For the 2009 and subsequent editions of the IECC and IRC, the certificate shall indicate if any of the following are installed but shall not list an efficiency:

- gas-fired unvented room heater
- electric furnace
- baseboard electric heater

For the 2012 and subsequent editions of the IECC and IRC, the certificate shall indicate the results from any required duct system and building envelope air leakage testing done on the building.