



Residential Thermal Envelope Certificate

This certificate must be completed by the builder or other approved party, **prior to final inspection**, to certify compliance with all the requirements listed in 2021 IECC Section R401.3 (N1101.14). This certificate must be posted on a wall in the space where the equipment is located, a utility room or an approved location inside the building.

Property Address

Identify the property address.

A

Property Address: _____

Application Number

Provide the number listed on the permit and the Energy Code Compliance Path.

B

Permit Number: _____
Energy Conservation Code Edition: _____ IECC Compliance Path: _____

Insulation Values

Provide the Insulation R-Values and U-Factors to certify compliance with the Thermal Envelope requirements per IECC Section R401.3 (N1101.14).

C

INSULATION R-VALUES					
Roof:		Ceiling:		Frame Wall:	
Floors:		Slab:		Basement Wall:	
Mass Walls:		Crawl Space Wall:		Ducts Outdoors Conditioned Space:	
Other:					

	U-FACTORS	SHGC
Windows		
Opaque Doors		
Skylight		
Weighted Average		

Air Leakage Testing

Provide the Air Leakage Testing Results.

D

AIR LEAKAGE TESTING RESULTS	
Envelope Testing: ACH _____ Pa	Duct Testing: _____ cfm/100ft ²

Mechanical Heating Equipment

Provide the Water Heating Specs. and verify which Mechanical Equipment is provided.

E

SERVICE WATER-HEATING EQUIPMENT			
Type: _____	Size: _____	Efficiency: _____	
MECHANICAL EQUIPMENT		Yes	No
Gas-Fired Unvented Room Heater		<input type="checkbox"/>	<input type="checkbox"/>
Electric Furnace		<input type="checkbox"/>	<input type="checkbox"/>
Baseboard Electric Heater		<input type="checkbox"/>	<input type="checkbox"/>

Photovoltaic System

Provide the On-site Photovoltaic Panel System Specs.

F

ON-SITE PHOTOVOLTAIC PANEL SYSTEM: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Array Capacity: _____	Panel Tilt: _____
Inverter Efficiency: _____	Orientation: _____

Energy Rating Index

Provide the ERI (with or without on-site renewable credits)

G

ENERGY RATING INDEX (where applicable):	
ERI (without On-Site Renewable Credits): _____	ERI (with On-Site Renewable Credits): _____