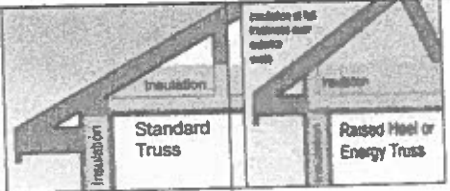


New Hampshire Energy Code EC-1

Certification No.:

Directions: Complete the "Your Proposed Structure" columns. No measurements or calculations are needed. Copies of plans are NOT needed. If you at least meet the Energy Code requirements, your project will be approved. Write N/A in any section that does not apply to your project. If your planned structure does meet these requirements, consider downloading REScheck <http://www.energycodes.gov/rescheck> to explore energy modelling options. Please submit pages 1 and 2 only.

YOUR PROPOSED STRUCTURE

Building Section	Required R or U Values	Write Planned R and U Values	Brands / Models / insulation type and thickness (if known)
		Write in U-Value	Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Window U Factor (lower U is better)	U .32 (maximum) U-.32 (if log walls in Zone 5) U-.30 (if log walls in Zone 6) U .50 (Thermally Isolated Sunrooms only)	U .26	
Skylights	U .55 (or less)		
Flat Ceilingⁱ <i>or</i> Flat Ceiling with Raised or Energy Trusses R-value	 <p>R-49 (Zone 5 or 6) if using the above construction technique R-49 if log walls</p> <p>R-38 (Zone 5 or 6) if maintaining the full R value over the plates R-49 if log walls</p>	<p>Write in R-Value</p> <p>R-49</p> <p>→ If using only R-38 in Zone 5 or 6 you must check this box</p>	<p>NOTE: R-38 will satisfy the requirement for R-49 if the full R-38 insulation value is maintained over the outside plates. If using only R-38 (Zone 5 or 6), you must certify that you will maintain R-38 over the plates by checking the box below.</p> <p><input type="checkbox"/> <i>By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.</i></p>
Sloped or Cathedral Ceiling	R-30 (Zone 5 & 6) if less than 500 ft sq or 20% of total ceiling area or as above R-24 (Thermally Isolated Sunrooms only)	Write in R-Value R-38	Check if <input type="checkbox"/> Sunroom
Above Grade Wallⁱⁱ R-value	R-20 Cavity Insulation only <i>or</i> R-13 plus R-5 Cavity <i>plus</i> Continuous Insulation R-13 (Thermally Isolated Sunrooms only)	Write in R-Value R-21	Log homes must comply with ICC400-2012. have an average minimum wall thickness of 5" or greater with specific gravity of ≤0.5 or 7" with specific gravity >0.5. Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Door U-Value	U .32 (maximum)	Write in U-Value U .26	One opaque door in the thermal envelope is exempt from the U-factor requirement.
Floor R Value (Basement ceiling)	R-30 <i>or</i> Insulation sufficient to fill joist cavity	Write in R-Value R-30	If conditioning the basement you must insulate Basement Walls . If not, you may insulate either Floor or Basement Walls and/or Slab Edge
Basement or Crawl Space Wall R Value	For both Zone 5 and Zone 6 R-19 Cavity Insulation <i>or</i> R-15 Continuous Insulation	Write in R-Value N/A	
Slab Edgeⁱⁱⁱ R Value	R-10 2' (Zone 5) 4' (Zone 6) (see drawing pg 3) <i>add R-5</i> if the Slab is heated <i>or R-15</i> under entire heated slab if a log home.	Write in R-Value N/A	Check if <input type="checkbox"/> Heated Slab
Air Sealing	A blower door test is required . The test must demonstrate an air exchange rate of seven Air Changes per Hour (ACH) or less @ 50 Pa.	Visual	If required by the code official, an approved third party may be required to conduct the blower door test.

Submit pages 1 and 2 to local municipal code official or NH Public Utilities Commission at energycodes@puc.nh.gov
Phone: 603.271.2431. Fax: 603.271.3878.


New Hampshire Residential Energy Code Application
 for Certification of Compliance for New Construction, Additions and/or Renovations of
 Detached One- and Two-family dwellings and multi-family dwellings (townhouses) not over 3 stories
EC-1 Form

Minimum Provisions from 2015 IRC Chapter 11

Effective Date: September 15, 2019

Owner/Owner Builder: Company Name: (if applicable)			General Contractor: Company Name: Parry Constr		
Name: Kailash Suri and Janet Younnel			Name: Lyle Parry - Parry Construction		
Mail Address: 37 Kenyon Road			Mail Address: 133 Jackson Road		
Town/City: Plainfield	State: NH	Zip: 03770	Town/City: Cornish	State: NH	Zip: 03745
Phone:	Cell: 617-939-3730		Phone:	Cell: 603-558-1202	
E-Mail: jyounnel@hotmail.com			E-Mail: Lyle_Parry@yahoo.com		
Location of Proposed Structure:			Type of Construction:		
Tax Map #: Map 261	Lot #: Lot 11		<input checked="" type="radio"/> Residential <input type="radio"/> Small Commercial <input type="radio"/> New Building <input checked="" type="radio"/> Renovation <input type="radio"/> Addition <input type="radio"/> Thermally Isolated Sunroom <input type="radio"/> Modular Home: the site contractor must submit this form detailing supplementary rooms and Floor and/or Basement insulation unless the floor insulation is installed or provided by the manufacturer and no heated space is added.		
Street: 37 Kenyon Road			Total New Conditioned* Floor Area: 912 _____ ft ²		
Town/City: Plainfield	County: Sullivan				
Zone 5 <input type="radio"/> Cheshire, Hillsborough, Rockingham Strafford Zone 6 <input type="radio"/> All other NH counties and town of Durham			Basement or Crawl Space type: (*a conditioned space is one being heated/cooled, containing uninsulated ducts or w/ a fixed opening into conditioned space. Walls must be insulated) Conditioned? <input type="radio"/> Yes (Walls must be insulated) <input checked="" type="radio"/> No <input type="checkbox"/> Full Basement <input type="checkbox"/> Walk Out Basement <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Other _____		
Structure is EXEMPT because:			Form Submitted by:		
<input type="checkbox"/> Mobile Home <input type="checkbox"/> On an historic register			<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Builder <input type="checkbox"/> Other _____		

I hereby certify that all the information contained in this application is true and correct, and construction shall comply in all respects with the terms and specifications of the approval given by the local municipal code official or New Hampshire Public Utilities Commission.

Signature  Print Name Lyle W. Parry Date 02/14/2021

Official Use Only	2/14/21	AJW	2/15/21
Date Complete Application Received:	Approved by:	Date:	
Approval Number: 99110121	Stamp:		