



Building & Permitting Branch
 1435 Water Street
 Kelowna, BC V1Y 1J4
 250-469-8960
 kelowna.ca

Compliance Report (Pre-Build)

For 9.36.5 or 9.36.6 (Energy Step Code)
 Energy Performance Pathway
 Revised: July 17, 2018

- Instructions**
1. Effective December 15, 2017 as per the BC Building Act.
 2. To be completed by a 'certified' Energy Advisor, Certified Passive House Designer/Consultant ('Step' 5 only), or an energy modeler using an ASHRAE-140-compliant software*.
 3. To be **submitted prior to issuance** of Building Permit, accompanied with supporting documentation.

PROJECT INFORMATION

Project Address: _____

Building Type: Single Family Dwelling Carriage House Duplex Townhome Apartment <4 storeys

BC Building Code Performance Path (select one):

9.36.5 (COMPLETE SECTIONS A + B)

9.36.6 (ENERGY STEP CODE – COMPLETE SECTIONS A + C) – Step pursued: 1 2 3 4 5

Software Name: _____ Version: _____ Climatic Data (Location): _____

SECTION A: BUILDING CHARACTERISTICS SUMMARY

	Details (Assembly/System Type/Fuel Type/Etc.)	Effective R-Value/ Efficiency
Exterior Walls	Construction Details	Effective R-Value
Roof/Ceilings	Construction Details	Effective R-Value
Foundation/Below-Grade Walls	Construction Details	Effective R-Value
Windows	Type	Overall U-Value
	FDWR: _____ %	
Air Barrier System and Location	Details	
Space Conditioning (Heating & Cooling)	System Type, Fuel Source	Performance Rating
Ventilation	Design basis according to Section 9.32	
Water Heating	System Type, Fuel Source	Performance Rating
Other Energy Impacting Features	Design basis	

The above information is correct based on drawings prepared by _____,
 dated (dd/mm/yr): _____.

SECTION B: 9.36.5 – ENERGY PERFORMANCE COMPLIANCE (COMPLETE IF APPLICABLE)

Proposed House Rated Energy Consumption (GJ/yr)	
HVAC	
Water Heating	
Sum	

Reference House Rated Energy Target (GJ/yr)	
HVAC	
Water Heating	
Sum	

The airtightness value used in the energy model calculations for the **Proposed House** is:

4.5 ACH @50Pa 3.5 ACH @50Pa OR Tested At _____ ACH @ 50Pa

The above calculation was performed in compliance with Subsection 9.36.5. of Division B.

SECTION C: 9.36.6 – ENERGY STEP CODE COMPLIANCE (COMPLETE IF APPLICABLE)

Energy Consumption: Proposed House (GJ/yr): _____ Reference House (GJ/yr): _____

Metric		Units	Required	Proposed
Step Code Level		Step 1, 2, 3, 4 or 5		
Airtightness		ACH @ 50 Pa	(max)	
Building Equipment & Systems	ERS Improvement over Reference House OR	% lower	(max)	
	Mechanical Energy Use Intensity (MEUI)	kWh/m ² ·yr	(max)	
Building Envelope	Thermal Energy Demand Intensity (TEDI) OR	kWh/m ² ·yr	(max)	
	Peak Thermal Load (PTL)	W/m ²	(max)	
Step Code Design Requirements Met: <input type="checkbox"/> Yes <input type="checkbox"/> No				

The above calculation was performed in compliance with (see Clause 2.2.8.3.(2)(e) of Division C). **Select one:**

- Subsection 9.36.5. of Division B,
- The EnerGuide Rating System (ERS), version 15 or newer, or
- Subsection 9.36.6.3.(3) of Division B (Passive House Planning Package version 9 or newer) – applies to Step 5 only.

DESIGN CONFIRMATION (APPLICABLE TO ALL PERFORMANCE COMPLIANCE PATHWAYS)

*The undersigned has produced and/or reviewed the Compliance Report for the above-mentioned project, created based on the project's design as provided by the Owner or Builder. The undersigned has verified that the project complies with the Subsection 9.36.5/9.36.6 of Division B, as detailed in the BC Building Code.**

Full Legal Name:		Company Name & Business License # (if applicable):	
Mailing address:			
Phone #:	Energy Advisor ID #:	Service Organization:	
Email:	EnerGuide P #:		
Signature:		Date Signed (dd/mm/yr):	

* Energy modelers using an ASHRAE-140-compliant software must include a **City of Kelowna Assurance of Compliance form** prior to issuance of **Occupancy Permit**.