

**BC ENERGY COMPLIANCE REPORT - PERFORMANCE PATHS FOR PART 9 BUILDINGS**

For Buildings Complying with Subsection 9.36.5. or 9.36.6. of the 2018 BC Building Code (see BCBC Article 2.2.8.3. of Division C)

**A: PROJECT INFORMATION**

**Building Permit #:** \_\_\_\_\_ **Building Type:** \_\_\_\_\_  
**Builder:** \_\_\_\_\_ **If Other, Please Specify:** \_\_\_\_\_  
**Project Address:** \_\_\_\_\_ **Number of Dwelling Units:** \_\_\_\_\_  
**Municipality / District:** \_\_\_\_\_ **Climate Zone:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_ **Floor Area of Conditioned Space (m<sup>2</sup>):** \_\_\_\_\_  
**PID or Legal Description:** \_\_\_\_\_

**BC Building Code Performance Compliance Path (select one):**

9.36.5. ➔ Complete Sections A, B, C, & E
  9.36.6. ➔ Complete Sections A, B, D, & E

**Software Name:** \_\_\_\_\_ **Version:** \_\_\_\_\_ **Climatic Data (Location):** \_\_\_\_\_

**B: BUILDING CHARACTERISTICS SUMMARY (see BCBC Clause 2.2.8.3.(2)(b) of Division C)**

	DETAILS (ASSEMBLY / SYSTEM TYPE / FUEL TYPE / ETC.)	EFFECTIVE RSI-VALUE / EFFICIENCY
EXTERIOR WALLS & FLOOR HEADERS		
ROOF / CEILINGS		
FOUNDATION WALLS, HEADERS, & SLABS	_____ <b>Slab Is:</b> <input type="checkbox"/> Below <b>OR</b> <input type="checkbox"/> Above Frost Line <b>AND</b> <input type="checkbox"/> Heated <b>OR</b> <input type="checkbox"/> Unheated	
FLOORS OVER UNHEATED SPACES		
FENESTRATION & DOORS	_____ <b>FDWR:</b> _____ %	
AIR BARRIER SYSTEM & LOCATION		
SPACE CONDITIONING (HEATING & COOLING)		
SERVICE WATER HEATING		
VENTILATION		
OTHER ENERGY IMPACTING FEATURES		

Based on information provided by the builder and drawings prepared by \_\_\_\_\_, dated \_\_\_\_\_.

**C: 9.36.5. ENERGY PERFORMANCE COMPLIANCE** (see BCBC Clause 2.2.8.3.(2)(c) of Division C)

Complete this section only if using the Energy Performance Compliance Path in Subsection 9.36.5.

PROPOSED HOUSE RATED ENERGY CONSUMPTION (GJ/YEAR)	
HVAC	
Hot Water Heating	
<b>SUM</b>	

REFERENCE HOUSE RATED ENERGY TARGET (GJ/YEAR)	
HVAC	
Hot Water Heating	
<b>SUM</b>	

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:     Yes     No

**D: 9.36.6. ENERGY STEP CODE COMPLIANCE** (see BCBC Sentence 2.2.8.3(3) of Division C)

Complete this section only if using the Energy Step Code Compliance Path in Subsection 9.36.6.

Proposed House Rated Energy Consumption (GJ/year): \_\_\_\_\_ Reference House Rated Energy Target (GJ/year): \_\_\_\_\_

METRIC	UNITS	REQUIRED	PROPOSED
Step Code Level	Step 1, 2, 3, 4, or 5		
Mechanical Energy Use Intensity (MEUI)	kWh/(m <sup>2</sup> -year)	(max)	
ERS Rating % Lower Than EnerGuide Reference House, <i>where applicable</i>	%	(min)	
Thermal Energy Demand Intensity (TEDI)	kWh/(m <sup>2</sup> -year)	(max)	
Airtightness in Air Changes per Hour at 50 Pa differential	ACH @ 50 Pa	(max)	
<b>Step Code Design Requirements Met:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			

The above calculation was performed in compliance with (see BCBC Clause 2.2.8.3.(2)(e) of Division C)

Select One:

- Subsection 9.36.5.,
- The Passive House Planning Package (PHPP), version 9 or newer, and the energy model was prepared by a Certified Passive House Designer or Certified Passive House Consultant,
- The EnerGuide Rating System (ERS), version 15 or newer, or
- The applicable requirements of NECB Part 8 and the City of Vancouver Energy Modelling Guidelines.

**E: COMPLETED BY**

Full Name (Print): \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Date (dd/mm/yyyy): \_\_\_\_\_

**If applicable, enter ERS information:**  
 Advisor ID Number: \_\_\_\_\_  
 Service Organization: \_\_\_\_\_  
 EnerGuide P #: \_\_\_\_\_

## SUPPLEMENTARY INFORMATION

Supplementary information is not required for Code Compliance but may be requested by the local municipality/district.

Where applicable, all metrics within Section F are calculated with baseloads included. If required, complete the applicable sections below.

### F: OTHER ENERGY MODELLING METRICS

#	METRIC	UNITS	REFERENCE HOUSE	PROPOSED HOUSE
1	Airtightness NLA@10Pa	cm <sup>2</sup> /m <sup>2</sup>		
2	Rated Greenhouse Gas Emissions	kg/year		
3	Rated Greenhouse Gas Intensity	kg/m <sup>2</sup> /year		
4	Rated Energy Use Intensity	GJ/m <sup>2</sup> /year		
5	Peak Thermal Load (PTL)	W/m <sup>2</sup>		
6	% of the Building's Conditioned Space Served by Space-Cooling Equipment	%		
7	% Lower Than Reference House With Baseloads Included	%		

#	ENERGY SOURCE	REFERENCE HOUSE ENERGY CONSUMPTION (GJ/YEAR)	PROPOSED HOUSE ENERGY CONSUMPTION (GJ/YEAR)
8	Electricity		
	Natural Gas		
	Propane		
	District Energy		
	On-Site Renewables		
	Other:		
		<b>TOTAL</b>	

### G: OPTIONAL CERTIFICATIONS

PENDING:

BUILTGREEN®, Level: \_\_\_\_\_

Certified Passive House

CHBA Net Zero House

ENERGY STAR® for New Homes

LEED® for Homes

R2000

Other: \_\_\_\_\_