

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

Revised July 12, 2021

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**

|                                 |                      |   |   |
|---------------------------------|----------------------|---|---|
| <b>Building Permit #:</b>       | <input type="text"/> | <b>Building Type:</b>                                   | <input type="text" value="Select One"/> ▾ |
| <b>Builder:</b>                 | <input type="text"/> | <b>If Other, Please Specify:</b>                        | <input type="text"/>                      |
| <b>Project Address:</b>         | <input type="text"/> | <b>Number of Dwelling Units</b>                         | <input type="text"/>                      |
| <b>Municipality / District:</b> | <input type="text"/> | <b>Climate Zone:</b>                                    | <input type="text" value="4"/> -          |
| <b>Postal Code:</b>             | <input type="text"/> | <b>Heating Degree Days:</b>                             | <input type="text"/>                      |
| <b>PID or Legal Description</b> | <input type="text"/> | <b>Floor Area of Conditioned Space (m<sup>2</sup>):</b> | <input type="text"/>                      |

**BC Building Code Performance Compliance Path:**  
(Select boxes that apply)

- 9.36.6. **→** Complete Sections A, B, D, & E
- 9.36.5., NOT complying with Step Code **→** Complete Sections A, B, C, & E
- 9.36.5., complying with Step Code **→** Complete Sections A, B, C, D & E

**\*Building Type must be selected in both the Pre-construction Report AND in this As-built Report in order to auto populate this report correctly\***

Software Name:  Version  Climatic Data (Location):

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

| Details (Assembly / System Type / Fuel Type / Etc.)   |                      | Eff RSI , USI, SHGC, etc  |
|---|----------------------|---|
| Exterior Walls & Floor Headers  | <input type="text"/> | Effective R <sub>SI</sub> <input type="text"/>                    |
| Roof / Ceilings   | <input type="text"/> | Effective R <sub>SI</sub> <input type="text"/>                    |
| Foundation Walls, Headers, & Slabs  | <input type="text"/> | Effective R <sub>SI</sub> <input type="text"/>                    |
| Slab Is: <input type="checkbox"/> Below <b>OR</b> <input type="checkbox"/> Above Frost Line   <input type="checkbox"/> Heated <b>OR</b> <input type="checkbox"/> Unheated |                      |   |
| Floors Over Unheated Spaces   | <input type="text"/> | Effective R <sub>SI</sub> <input type="text"/>                    |
| Fenestration & Doors  | <input type="text"/> | U <sub>SI</sub> <input type="text"/><br>SHGC <input type="text"/> |
| FDWR <input type="text"/> %   |                      |   |
| Air Barrier System & Location   | <input type="text"/> |   |
| Space Conditioning (Heating & Cooling)  | <input type="text"/> | % , HSPF, &/or SEER <input type="text"/>                          |
| Service Water Heating   | <input type="text"/> | EF &/or % eff <input type="text"/>                                |
| Ventilation   | <input type="text"/> |   |
| Other Energy Impacting Features   | <input type="text"/> |   |

Based on information provided by the builder, and a site evaluation completed on (YYYY/MM/DD):

**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.

| Built House Rated Energy Consumption (GJ/year) |   | Reference House Rated Energy Target (GJ/year) |   |
|--|---|---|---|
| HVAC   |   | HVAC  |   |
| Hot Water Heating                              |   | Hot Water Heating                             |   |
| <b>SUM</b>                                     | - | <b>SUM</b>                                    | - |

Measured airtightness (as per BCBC 2018 Div C Clause 2.2.8.2.(1)(f)) \_\_\_\_\_ 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.

If using 9.36.5 to comply with 9.36.6, print and manually fill in the table below. The table below auto-fills from the calculator worksheets and the fields cannot be overwritten.

Rated Energy Consumption (GJ/year): As-Built House - Reference House - | HDD: 2,960.9

| Metric  | Units                      | Required | Proposed | As-Built |
|---|----------------------------|----------|----------|----------|
| Step Code Level   | Step 1, 2, 3, 4, or 5      | 1        | 1        | 1        |
| Mechanical Energy Use Intensity (MEUI)                          | kWh/(m <sup>2</sup> ·year) | (max)    |          |          |
| ERS Rating % Lower Than EnerGuide Reference House, where applic | %                          | (min)    |          |          |
| Thermal Energy Demand Intensity (TEDI)                          | kWh/(m <sup>2</sup> ·year) | (max)    |          |          |
| Adjusted TEDI   | kWh/(m <sup>2</sup> ·year) | (max)    |          |          |
| Building Envelope % Better                                      | %                          | (max)    |          |          |
| Airtightness in Air Changes per Hour at 50 Pa differential      | ACH @ 50 Pa                | (max)    |          |          |
| <b>Step Code Design Requirements Met:</b>                       |                            |          |          |          |

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.
- The "Instructions for Modelling Attached Ground Oriented Part 9 Residential Buildings" (found in Section 6 of the BC Energy Compliance Reports Instruction Manual)

**E: COMPLETED BY**

|  |       |                              |       |
|--|-------|------------------------------|-------|
| Full Name (Print):   | _____ | Service Organization:        | _____ |
| Company Name:  | _____ | Service Organization #:      | _____ |
| Phone:   | _____ | Advisor ID #:                | _____ |
| Address:   | _____ | <b>EnerGuide P-file #'s:</b> | _____ |
| Email:   | _____ | _____                        | _____ |
| Date (dd/mm/yyyy):   | _____ | _____                        | _____ |
| CODECO entered into Info Field 8 of HOT 2000 <input type="checkbox"/>                          |       | <b>EnerGuide N-file #'s:</b> | _____ |
| <b>Note:</b> The same Advisor will have different ID #'s with different Service Organizations. |       | _____                        | _____ |
|  |       | _____                        | _____ |

## 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 | As-Built 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 | %                               | N/A             | -              | -              |
| 7 | % Lower Than Reference House With Baseloads Included          | %                               | N/A             | -              | -              |

| # | Energy Source      | Reference House Energy Consumption (GJ/year) | Proposed House Energy Consumption (GJ/year) | As-Built House Energy Consumption (GJ/year) |
|---|--------------------|--|---|---|
| 8 | Electricity        | -  | -   | -   |
|   | Natural Gas        | -  | -   | -   |
|   | Propane            | -  | -   | -   |
|   | District Energy    | N/A  | -   | -   |
|   | On-Site Renewables | N/A  | -   | -   |
|   | Other:             | -  | -   | -   |
|   | <b>Total</b>       | -  | -   | -   |

### G: OPTIONAL CERTIFICATIONS

PENDING

- BUILTGREEN®, Level \_\_\_\_\_
- Certified Passive House
- CHBA Net Zero House

PENDING

- ENERGY STAR® for New Homes
- LEED® for Homes
- R2000
- Other: \_\_\_\_\_

“Pursuant to section 26 of the Freedom of Information and Protection of Privacy Act (the Act), the personal information collected will only be used for the purposes of evaluating your application. Your personal information will not be released except in accordance with the Act.

Questions about the collection of your personal information may be referred to the Cariboo Regional District's Manager of Corporate Services, Suite D, 180 North Third Avenue, Williams Lake, BC, V2G 2A4, 250-392-3351 or mailbox@cariboord.ca”