

## Energy Step Code (Part 9 Buildings)

This is to inform designers, registered professionals, contractors, owners and developers of the implementation of Energy Step Code for all Part 9 residential buildings including single and two family dwellings.

---

*"This information is provided for convenience only and is not in substitution of applicable City Bylaws or Provincial or Federal Codes or laws. You must satisfy yourself that any existing or proposed construction or other works complies with such Bylaws, Codes or other laws."*

---

**Effective 2019 September 01** all Part 9 residential buildings, including single and two family dwellings, that are not more than 3 storeys in building height and not more than 600 m<sup>2</sup> in building area (footprint) will have to meet the minimum of **Step 1 of the BC Energy Step Code**.

The Step 1 of the BC Energy Step Code applies to building permit applications for new buildings accepted after **2019 September 01**. Please refer to [Bulletin B19-01](#) for more explanation of the requirements of Step1.

To demonstrate compliance with the Step 1 of the BC Energy Step Code the following documentation are required:

### At Building Permit application:

- Energy Modelling Report of the building
- [Energy Compliance Report \(Pre-Construction\)](#)
- Showing all energy efficiency upgrades if applicable on the front sheet of submitted drawings

### Prior to calling for insulation inspection:

- [Energy Verification Report \(Mid-Construction\)](#) - blower door test result
- The result should be within 1.5 ACH of the proposed airtightness or the insulation inspection will be rejected. A second blower test will be required after the improvement of the airtightness.

### Prior to Occupancy:

- [Energy Compliance Report \(As-Built\)](#) – final blower door test result should meet the proposed airtightness
- Energy Label displayed on the electrical panel in the home

For more information on Energy Compliance Reports please refer to [Bulletin B18-03](#).

## Energy Modelling

Energy Modelling for Step 1 may be performed using:

1. EnerGuide Rating System or
2. Subsection 9.36.5. of the BCBC

All compliance reports must be signed and sealed by a registered professional except where EnerGuide Rating System is used the compliance reports can be prepared by a Certified Energy Advisor.

Please refer to [Bulletin B19-02](#) for more information.

## Airtightness

It is recommended that the proposed airtightness should be chosen to be consistent with the experience and expected performance of the builder. Please refer to [Bulletin B19-03](#) for more information.

## Further Information

For Part 3 buildings please refer to our bulletin on “Energy Step Code (Part 3)”. The [Burnaby Green Building Flowchart](#) will help you understand the application of the above-noted Burnaby Green Building Requirements.

If you have any further questions on permit submission please contact the Building Department at 604-294-7130.

For further information on Burnaby Green Building Policy please refer to: [www.burnaby.ca/greenbuildings](http://www.burnaby.ca/greenbuildings).

Q:\Brochures-Bulletins & Zoning Information\Bulletin\Current\Energy Step Code (Part 9 Buildings) - Created 2019 August 15.docx