



PREPARING FOR ENERGY CODE CHANGES

Key Changes

Effective as of December 19, 2014:

Thermal Insulation

Thermal insulation is now defined in terms of *effective* insulation instead of *nominal*. Continuous effectiveness of the insulation is also required.

Airtightness

A continuous air barrier is now required across construction joints, between assemblies and around penetrations.

HVAC & Service Water

Heating

New ventilation requirements (section 9.32). Changes of requirements of efficiency, sealing and insulation, temperature controls and equipment placement.

3 Options for Compliance

- 1) Prescriptive
- 2) Trade-off
- 3) Performance



6 TOOLS TO PREPARE FOR ENERGY CODE CHANGES:

- 1 **Energy Code Update Webinar**
Hosted by CHBA BC
January 21 at 9:00 a.m.
\$79.00 + GST per person.
[Complete form to register.](#)
- 2 HPO's Illustrated Guide "Energy Efficiency Requirements for Houses in British Columbia".
[Free PDF download.](#)
- 3 CHBA's **Builder Manual** as recommended by HPO
contact michelle@chbabc.org
- 4 Start working with a **Certified Energy Advisor**.
[Find one in your region.](#)
- 5 Read the new **9.36 Energy Efficiency** section of the BC Building Code.
[Free PDF download.](#)
- 6 Use the online **Wall Thermal Design Calculator** by the Canadian Wood Council.
[Click here.](#)

See reverse more detailed information...

1

Energy Code Update Webinar hosted by CHBA BC, January 21.

This three-hour webinar will provide an overview of the key changes to prepare builders and designers to conform to Code requirements with minimum disruption to their projects. Complete [FORM](#) to register, \$79.00 + GST per person.

2

HPO's Illustrated Guide "Energy Efficiency Requirements for Houses in British Columbia".

This free guide has been developed to assist residential builders and industry stakeholders in British Columbia to interpret and comply with changes to the 2012 British Columbia Building Code for energy efficiency for housing and small buildings. It highlights how the new Code requirements differ from existing requirements for energy saving.



Visit [HPO – Energy Efficiency Requirements Guides](#) to download the guide.

3

CHBA's Builder Manual as recommended by HPO.

For those who need to know how to build homes in one of the toughest climates on earth, the Canadian Home Builders' Association Builders' Manual is the most authoritative guide you will find for building superior energy-efficient housing. This newly expanded and updated edition, based on the building techniques proven by R-2000, offers over 400 pages of concise information and easy-to-follow illustrations.

Contact michelle@chbabc.org for more information and to order.

4

Start working with a Certified Energy Advisor (CEA).

A CEA is a licensed professional that can evaluate your home, provide the modeling and testing required for the final certification of your home.

Visit [CHBA BC – Certified Energy Advisors](#) for more information and how to get in contact with a CEA in your region.

5

Read the new 9.36 Energy Efficiency section of the British Columbia Building Code.

The new 9.36 section describes the new requirements as well as calculation methods, examples and thermal resistance values of common building materials.

Click [here](#) to read the new section.

6

Use the online Wall Thermal Design Calculator by the Canadian Wood Council

The calculator provides designers prescriptive wall assembly solutions and calculates the walls RSI/R values through an interactive interface.

Click [here](#) to access the calculator.