

BOABC Newsletter

Spring 2024, Issue 12



BOABC is dedicated to serving the best interests of the public in building safety by moving forward with the highest standards in professionalism, competency and consistent practice in the Building Community.

2024 BOABC Conference: Registration Deadline Fast Approaching

The 2024 Conference & Tradeshow is taking place May 26 to 29, 2024 at the River Rock Casino Resort in Richmond, B.C. The deadline to register for the event is Friday, April 26. Registration information, including hotel booking, is available on the [Conference webpage](#). A draft event agenda can also be viewed on this page.

We are happy to announce that our second keynote speaker is Michelle Cedeberg, who has captivated audiences across North America with her empowering and humorous

messages about how to set worthwhile goals, get energized for success, and live a bigger life.

As a certified and in-demand speaker, author, coach and consultant, she believes that personal and professional success is directly influenced by how well we harness the physical, mental and emotional capacity we each have within us. She enthusiastically calls on science to help people boost that capacity, gain clarity, build confidence and develop the discipline to create the life and career they want.

As banquet dinner entertainment, we have the Great Canadian Dueling Pianos who were formed in 2018 and have quickly become Canada's favourite piano party people.

With thanks to title event sponsor BC Hydro, presenting sponsor Fortis BC, banquet sponsor GHL, and the support of BC Housing, CHBA-BC, PSD Citywide, BCABD, HRAI, Stewart McDannold Stuart, InteriorTech, TECA, the City of Richmond, MHABC, and Bibby Ste. Croix.

Reminder: Membership Dues are Owed by April 30

This is a friendly reminder to submit payment for your annual Association membership dues. Each member should have already received an invoice by email in early April. We accept online payments via credit card, e-transfer, or wire transfer.



Student Award Winners Announced

The Association is committed to increasing access to its educational programs and encouraging skilled individuals to become building and plumbing officials. The Student Awards Program has been developed to support these goals and other stakeholders in the building regulatory system.

Congratulations to the following individuals for being recipients of this year's awards program:

- Jeremy Browne
- Dustin MacLeod
- Taylor Marshall
- Chris Nichol
- Curtis Passmore
- Donald Smolne
- Tom Willis

2024 Annual LGMA Conference: Blooming Together

Don't miss early bird rates!
[LGMA 2024 Annual Conference](#)
June 11 - 13

Four Pre-Conference Workshops to choose from, June 11:
[- Approving Officers Workshop](#)
[- Communication & Engagement Professionals Forum](#)
[- Two leadership development workshop options](#)



Continuing Professional Development

The association continues to offer and promote professional development opportunities for code officials.

The following are upcoming learning events and opportunities:

[Local Government Compliance and Enforcement Association \(LGCEA\) Conference](#) – May 14 to 17

[Registration for the 2024 Building & Plumbing Code Update Courses](#) – Ongoing

Community Energy Association Events

Visit www.communityenergy.ca/events/ to find out more.

Webinars

April 17 | Commissioning and performance verification of heat pumps

May 22 | Verifying F280-12 load calculations for heat pumps

May 29 | Retrofitting manufactured homes

On-Location

April 25 | HPSC's retrofitting with a house-as-a-system approach
Invermere

April 26 | HPSC's retrofitting with a house-as-a-system approach
Castlegar

May 1 | High performance envelopes: considerations and detailing

Williams Lake

May 31 | High performance envelopes: considerations and detailing

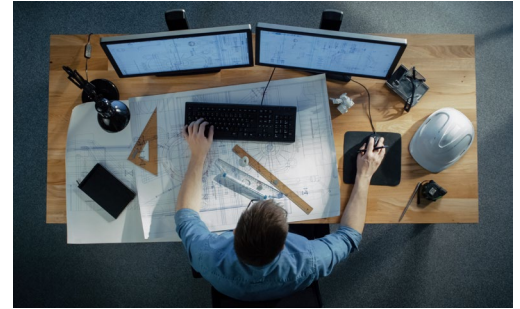
Prince George

June 12 | High performance envelopes: considerations and detailing

Dawson Creek

June 3–5 | Northwest Energy Retrofit Forum

Nisga'a Nation and Terrace



Join a Peer Network

To find out more or join any of the following networks, please email

peernetworks@communityenergy.ca

Energy Step Code Peer Network (SCPN)

Who can join this network? Local Government Staff and Associate Members by invitation. The mandate of the SCPN is to support local governments to successfully implement the BC Energy Step Code and Zero Carbon Step Code by bringing local government staff together to support peer learning and knowledge sharing.

Building Officials' Peer Network (BOPN)

The BOPN is a space for building officials to connect, share challenges and successes, and move forward together on policy, process, and technical know-how in new construction as it relates to Step Code. The Network is facilitated by CEA in collaboration with BOABC.

Retrofit Peer Network (RPN)

The purpose of this Network is to accelerate BC's transition toward zero emissions in existing buildings, accelerate local government understanding on policy and program innovations, align community-scale efforts for improved co-ordination and results, and to provide a communication channel between local governments, indigenous communities and organizations to coordinate input and ideas back to the Province.



Qualification Exam Updates

A team of members and industry experts led by Doug Hatch at the International Code Council met in-person over three days in March to start updating questions for the provincial qualification exams. Significant progress was made with nearly all questions for the level one and two exams updated! The Association would like to sincerely thank the committee for their hard work and continued commitment to this task.

National Model Codes Public Review

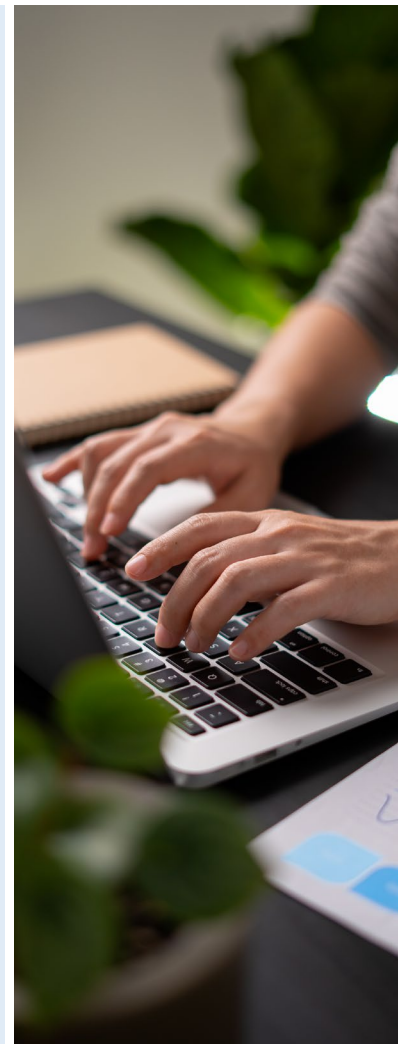
The Canadian Board for Harmonized Construction Codes (CBHCC) is continuing consultation on proposed changes to the 2020 National Model Codes and is inviting the public to take part.

The public review runs from **February 27 to April 29, 2024**. Those interested in participating, can review and provide feedback on the proposed changes through the [National Model Codes' website](#).

As we work toward increased harmonization of the construction codes, this public review is an opportunity for interested parties to review and comment on proposed changes that we intend to adopt in future editions of the BC Codes. The public review is your opportunity to participate in the code development process. We strongly encourage your participation.

Following the public review, Codes Canada staff will review all comments and develop a draft resolution to each comment. The draft resolutions are then validated by the code development committees, to form recommendations which are then presented to the CBHCC. The CBHCC will determine when the changes will be published in the next edition of the National Model Codes.

For more information, please contact the CBHCC at CBHCCSecretary-SecretaireCCHCC@nrc-cnrc.gc.ca.



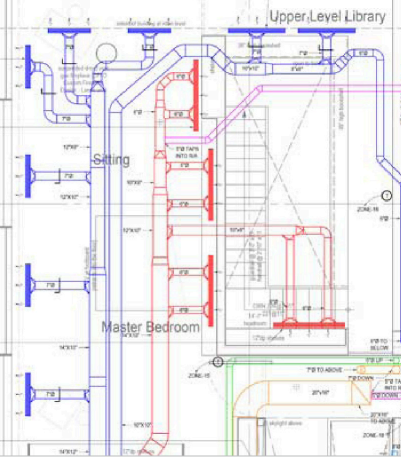
Canadian Standards Association SPE17:23 – HVAC Guide for Part 9 Homes

Did you know that Canadian Standards Association (CSA) has recently released the second edition of SPE-17:23 HVAC Guide for Part 9 Homes?

This Guide describes the process and benefits in using best practices for the proper design, sizing, installation, and commissioning for space conditioning and ventilation systems in residential homes. It focuses on practical information for building industry practitioners to apply knowledge from the Guide to support new construction and deep renovations for existing buildings.

The Guide is available at no cost through CSA's Communities website, and the content is designed for the builder, architect/designer, and building official audiences to adopt approaches that improve HVAC performance for Part 9 homes.

The development of this Guide was made possible, in part, by the financial support of BC Hydro, FortisBC, BC Housing, and the City of Vancouver.



Canadian Standards Association (CSA) SPE-17:23 HVAC Guide for Part 9 Homes

OVERVIEW

CSA Group recently released the second edition of SPE-17:23 “HVAC Guide for Part 9 Homes”. This Guide describes the process and benefits in using best practices for the proper design, sizing, installation, and commissioning for space conditioning and ventilation systems in residential homes. It focuses on practical information for building industry practitioners to apply knowledge from the Guide to support new construction and deep renovations for existing buildings.

The objectives for this Guide are:

Raise Awareness

Increase building industry awareness on how an integrated/coordinated design process can help deliver efficient HVAC systems and better home performance.

Enhance HVAC Design Practices

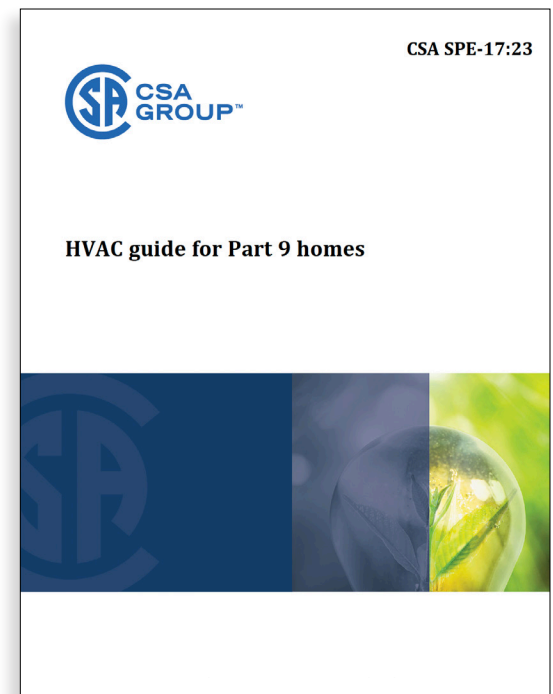
Present best practices for HVAC design, equipment sizing, selection, installation, and performance verification of systems that can be readily applied by builders.

Improve HVAC Equipment Knowledge

Communicate the options, opportunities, and limitations of various HVAC equipment to meet performance-based code requirements and support decarbonization while minimizing energy use and electrical service sizes.

Capacity Building

Build familiarity and confidence in more sophisticated building practices and HVAC technologies.



Audiences for this Guide include Builders and Developers, Architects and Designers, Building Officials, HVAC Designers and Contractors, Energy Advisors, all levels of Government, Utilities, and Homeowners.

CSA SPE-17:23 “HVAC GUIDE FOR PART 9 HOMES” IS AVAILABLE AT NO COST VIA CSA COMMUNITIES WEBSITE

CONTENT

The CSA SPE-17:23 “HVAC Guide for Part 9 Homes” is designed to be used as technical reference for new residential Part 9 buildings, incorporating illustrations, resources and tools to assist with knowledge transfer and application. It has been designed to support collaboration between builders, architect/designers, tradespeople, and equipment suppliers with respect to integration of HVAC sizing, design, installation, and performance verification. The Guide covers the following content:



STAGE 1 – Discovery

- Use of coordinated design process to improve upfront planning of HVAC strategies.
- Identification of customer needs, expectations, and project imperatives in achieving high performance outcomes.



STAGE 2 – Heat Loss and Heat Gain Calculations

- Importance of CSA F280-12 compliant load calculations for right-sizing heating and cooling equipment and CSA F326 for ventilation systems.
- Understanding the key factors that contribute to accurate load calculations.



STAGE 3 – Equipment Selection

- Comparison of HVAC equipment options including forced air, and radiant systems.
- Overview of balanced ventilation strategies using heat/energy recovery ventilation and domestic hot water technologies.



STAGE 4 – HVAC Design

- Value of HVAC design practices to achieve a comfortable and efficient living environment.
- HVAC design approaches including single-line, two-line and 3D schematics.



STAGE 5 – HVAC Installation and Quality Assurance

- Review of bid specifications to achieve quality installations including equipment schedules, HVAC design and installation practices.
- How trade selection, coordination and field reviews improve HVAC performance.



STAGE 6 – Performance Verification

- Significance of HVAC equipment start-up to verify installed performance.
- Overview of equipment performance testing approaches and commissioning documents.



STAGE 7 – Homeowner Education

- Understanding the key components of homeowner education including HVAC operation, maintenance, controls, and warranties.
- Mechanical room walk-throughs to familiarize homeowners with HVAC equipment.

ACKNOWLEDGEMENT

The development of this Guide was made possible, in part, by the financial support of BC Hydro, FortisBC, BC Housing, and the City of Vancouver.

Welcome New Members

Vineet Maharaj
Ethan Wade
Gina Nymeyer
Raja Sandal
Kandice Faust
Christian Cillo
Andre Kreutzer
Shawn Read
Wing Ki Prisca Tsang
Mauro Cervo
Colin Ferreira
Yogeshwer Jamwal
Colin Day
Duncan Ernst
Kathleen Cano
Travis Meining
Sainan Du
Shaun White
Ning Jia
Colin Kozak
Devin Rogers
Melinda Biddle
Gewls Turley
Sunny Chan
Mike Coen
Manpreet Grewal
Yucheng Gu

New RBO's & BCQ's

Mike Patterson – RBO
Sandra Jensen – RBO
Colin Coulter – RBO
Christopher Derouin – RBO
Jay McEwen – RBO
Chun Hei Terry Wan – BCQ

Newly Qualified

Duncan Scandrett
Chun Hei Terry Wan
Ethan Wade
Alex White
Heather Stewart
Sandra Jensen
Kandice Faust
Jennifer Strauch
Garv Goswami
Shawn Read
Jay McEwen
Tyler Bittante
Daniel Clark
Adrian Hamilton
Wing Ki Prisca Tsang
Caspar Viereckel
Jason Cameron
Colin Ferreira
Joyce Insley
Connor Galozo
Montgomery Kirkwood
Harjit Khangura
Karilyn Lao
Tyson Eastland
Brian Zanussi
Jordan Babcock
Zhi Gan Lin
Jody Gray
David Hopkins
Colin Coulter
Ron Burnett
Patrick Koby
Brian Ehlers
Adam Rojas

Graeme Huckell
Matthew Neufeld
Jarrod Craig
Shilin Sun
Kristopher Poole
Steven Siminoff
Tyler Berezay
Inder Litt
Ivo Tanner
Joseph Sinay

Newly Certified

Mike Patterson
Sandra Jensen
Taylor Mitchell
Connor Galozo
Nicole Morin
Amanda Malczewska
Ronny Pahl
Brian Zanussi
Jordan Babcock
Brittney Gibson
Amy McCarthy
Travis Whitaker
Colin Coulter
Christopher Derouin
Patrick Koby
Peter Martin
Jay McEwen
Emily Eckard
Chun Hei Terry Wan
Ian Brown
David Barclay
Nicholas Coray