

Passive House Building Certification Course



How to Certify a Passive House
Vancouver, BC
November 27th 2018



Overview

How to certify a Passive House building without drama or delay!

Presented by ZEBx and the North American Certifiers Circle (NACC), the Passive House Building Certification Course is delivered by Canada's three leading Passive House certifiers. This one-day course will equip practitioners with the high-demand skill of how to prepare a successful submission package for all Passive House buildings. Leveraging insights and experiences from national experts, examples from both successful and unsuccessful projects will be examined to demonstrate best practices.

Learning Objectives

- Develop a thorough understanding of the certification requirements for building standards maintained by the Passive House Institute (PHI).
- Understand the process of: contracting a Building Certifier; the expected roles of Passive House consultant and certifier; and submission formats.
 - The City of Vancouver's requirements for Certified Passive House projects seeking exemptions under current policy will also be reviewed.
- Gain a thorough understanding of what is included in a submission for Building Certification, including PHPP, drawings, product verification, performance testing and site photographs.

- Understand strategies to avoid common barriers towards building certification.

Participants will gain expertise in:

- Certification process and requirements.
- Design consultancy vs. certification.
- Incorporating certification into the design and construction process.
- Proper project documentation.
- Climate-specific requirements and considerations.
- Common barriers.
- Reliable data sources.
- What to do when there is no data.
- Certification checks.

Best Suited For

This course is essential for practitioners responsible for certified Passive House projects in the City of Vancouver.

It is also suitable for practitioners engaged in projects outside the City of Vancouver seeking to streamline paperwork and ensure success in the PHI building certification process.

Highly beneficial for policy makers and all professionals seeking to better understand the requirements of the International Passive House standard, and how it relates to the City of Vancouver's rezoning requirements.

Professional Development

- Earn 6.5 Core Learning Units, designated by the [Architectural Institute of British Columbia \(AIBC\)](#).
- Earn 8 credit points through [Passive House Institute \(PHI\)](#).

Instructors

Andrew Peel

As Principal of Peel Passive House, Andrew provides Passive House and low carbon consultancy, certification, training, and product development services to the building sector. His professional and academic experience ranges from consultancy, program management, authoring technical and non-technical articles, course and lecture delivery, and technical research. As the first English-speaking Building Certifier, Andrew has been exposed to a wealth of Passive House techniques and technologies. As a Consultant, he has developed innovative solutions to advance and streamline the Passive House design and construction process. Andrew skillfully weaves this knowledge into all the educational material he develops in order to spread it throughout the industry.

Prior to establishing Peel Passive House, Andrew managed the UK Government's Innovative Carbon Saving Technologies Scheme and the Energy Saving Trust's Best Practice Helpline. He also managed and delivered Passive House, Code for Sustainable Homes, wind turbine development, thermal modelling projects and Passive House study tours. Further activities included contributing to the development of the UK Government's residential energy calculation methodology (SAP) and the Passive House Planning Package (PHPP).

Monte Paulsen

Monte Paulsen is one of Canada's most experienced Passive House professionals. He has consulted to more than 50 Passive House projects, including single-family, townhome, mid-rise, high-rise and mixed-use developments. He has taught for Passive House Canada and is a regular speaker at Passive House conferences in the U.S. and Europe. Monte is also a Building Certifier accredited by the International Passive House Institute. Monte leads the Passive House team at RDH Building Science, with offices in eight cities across the U.S. and Canada.

Pierre-Andre Santin

Pierre-André has over 15 years' experience managing large-scale technology projects. His passion for architecture and environmental stewardship led him to Passive House building design. Pierre-André works with architects, engineering firms, and local builders on the design and certification of ultra-low energy single family, multi-residential, and mixed and special use buildings. He also advises field teams on proven energy efficient detailing and construction techniques.

Pierre-André is a Building Certifier and Trainer accredited by the Passive House Institute in Germany, and the founder and principal of MIZU Passive House Consulting in Vancouver. He currently consults on a variety of projects in Canada and lectures part-time at the British Columbia Institute of Technology.

Prerequisites

None.

Bonus

Certified Passive House practitioners completing this course may be eligible for a discount equal to the course price at a PHI-accredited building certifier. For details, contact andrew@peelpassivehouse.com

Register

<https://www.eventbrite.ca/e/large-passive-house-building-certification-course-tickets-49347682246>