



Canadian Association of Radon Scientists and Technologists
Association Canadienne des Scientifiques et Technologues de Radon

Pinnacle Vancouver Harbourfront Hotel
1133 West Hastings Street, Vancouver, BC V6E 3T3

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Join us in Vancouver! April 26 – 28, 2015

Announcing Details of the Pre-Conference Courses at the 4th Annual CARST Conference

We are excited to announce details of the pre-conference courses and have worked to provide Canadian radon professionals with courses that will support them in the work they are doing and help them increase their confidence and knowledge to expand the scope of their services. We have brought in trainers who are among the most experienced in the industry to share this knowledge with you. We are also excited to announce that we are offering a full day French language course for the first time this year (Controlling Radon in New Homes in Canada). The following provides a brief overview of the courses being offered.

Controlling Radon in New Homes in Canada (CNRHC) (8 Hours, 8 CE Credits)

\$100 with conference registration (\$350 without)

in French with Marcel Brascoupe

in English with Bob Wood

This course is targeted to individuals who design, build or inspect new, low-rise dwellings in Canada. It provides training on how to comply with *National Building Code of Canada* requirements, and local building codes in each province, to minimize the entry of radon and other soil gases plus methods on how to achieve even better performance of radon control. Individuals holding the *Controlling Radon in New Home Construction (CRNHC)* certification will be able to demonstrate understanding of radon, its known health effects; how it enters the home; degree of risk and personal protection; understanding of the National Building Code and methods of radon installation which will exceed requirements of the code. This course will cover the installation of two levels of radon systems in low-rise construction; Roughed In Systems and complete Passive Radon Systems.

Large Building Mitigation (8 Hours, 8 Continuing Education (CE) Credits)

\$200 with conference registration (\$400 without)

This will be a full day course presented by experienced mitigators John Mallon and Bill Broadhead. They will share with us information on conducting diagnostic testing in large buildings and troubleshooting challenging situations.



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John Mallon is Chair of the AARST Consortium National Radon Standards Committee which developed the ANSI/AARST *Radon Mitigation Standards for Multifamily Buildings*. He has installed radon mitigation systems in homes and commercial buildings alike including schools.

Bill Broadhead was the chair of the ASTM group tasked with updating the ASTM E2121, radon mitigation standard and is the primary instructor of Radon Technology for Mitigators at the Easter Regional Radon Training Center at Rutgers University. Bill has installed over 5,000 radon mitigation systems in homes and commercial buildings and his experience includes designing mitigation systems and conducting pressure field extension measurements for large buildings which include universities, day cares, office buildings, shopping center and a 250,000 ft² factory.

Conducting Radon Measurement in Schools and Large Buildings / Train the Speaker (Combined 8 Hours, 8 CE Credits)

\$100 with conference registration (\$200 without)

This course will include *Conducting Radon Measurements in Schools and Large Buildings* in the morning and a *Train the Speaker* course in the afternoon, both presented by Doug Kladder. These courses will provide valuable information for radon measurement professionals in Canada as they work to build their business to extend into commercial building testing.

Conducting Radon Measurements in Schools and Large Buildings – in French and English

\$100 with conference registration (\$350 without)

Testing a single family structure is pretty straight forward. After all it is one building, one test location and one client to deal with. However, if you are tasked to survey a large building there are many other considerations that have to be made. This course will assist you in understanding successful approaches as well as provide several tools that can assist you in conducting large radon surveys.

Large building surveys can provide large economic opportunities, but also equally large headaches if one over simplifies the entire process. This course offers insights regarding radon entry in large buildings and the relationship between radon levels and mechanical ventilation systems (HVAC) that operated within. . Equally important, this course delves into the more rigorous communication plans, record keeping, quality assurance and result interpretation approaches you will need. This course will also address information and requirements associated with Health Canada's document, *Guide for Radon Measurements in Public Buildings (Schools, Hospitals, Care Facilities, Detention Centres)*.

Train-The-Speaker

One of the most powerful ways of marketing your business, whether it be for radon measurement or mitigation, is to hop on the public speaking circuit. It also fulfills the objectives of other agencies in



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“getting the word out” on Radon. In addition to some basic speaking skills, there are some unique aspects of delivering radon presentations that aspiring radon speakers should be aware of.

This course, adapted from the highly successful US based program Train the Speaker course developed by Doug Kladder, deals with how to avoid common radon mistakes, and will help you understand how to shift your emphasis based upon differing audiences, and how to deal with questions and hecklers.

In addition to the instructional portion of the program, attendees will have access to an adaptable PowerPoint program they can modify for their own deliveries and current Canadian statistics to help them assemble their slides.

You will not want to miss this opportunity!