

COURSE AGENDA

Day 1

7:30 Registration

8:00 Radon Fundamentals

- Introduction, Objectives, and Policies
- Atoms and Ionization
- Introduction to Radiation and Radioactivity
- Radon Properties and Radon Decay Chain
- Sources of Radon
- Radon Health Risks
- Review and Test

12:00 Lunch Break

12:30 Radon Entry and Behaviour

- Mechanics of Radon Entry
- Indoor Radon Concentrations and Behaviour
- Review and Test

4:45 Adjournment

Day 2

8:00 Radon Measurement Techniques and Equipment

- Radon Measurement Devices
- Measurement Objectives and Protocols
- Test conditions – Residential, Public buildings
- Interpretation of Results

12:00 Lunch Break

12:30 Quality Control

- Quality Control/Quality Assurance Protocols
- Consumer Information and Test Interference Controls
- Ethics, Certification, Records, and Marketing
- Introduction to Mitigation
- Course Review

4:45 Adjournment

Day 3

9:00 - 12:00 C-NRPP Exam (120 min)

CONFIRMATION

Confirmation notice, travel directions and hotel information will be sent following receipt of registration.

For further information about any aspects of the course, contact BIOMATION now.

Call 1-888-667-2324 or email info@biomation.com

RADON MEASUREMENT COURSE REGISTRATION

Course Location: _____

Name: _____

Facility: _____ Address: _____

City: _____ Province: _____

Postal Code: _____ Tel: _____

E-mail: _____

Effective Radon Measurement Techniques

Early bird fee \$595 plus tax if applicable

Regular fee \$660 plus tax if applicable

C-NRPP Exam \$145

Add 5% GST in BC, 15% HST in NS or 13% HST in ON

The fee includes 2 full days of instruction, interaction and practical hands-on sessions, manual and lunch.

Payment by cheque or credit card must accompany the registration to ensure a space in the course.



Visa



MasterCard



Cheque

Card Number: _____

Expiration Date: _____

Name on Card: _____

Signature: _____

FAX THIS REGISTRATION PANEL TO: 613-256-5872

Or E-mail THE INFORMATION TO info@biomation.com

BIOMATION

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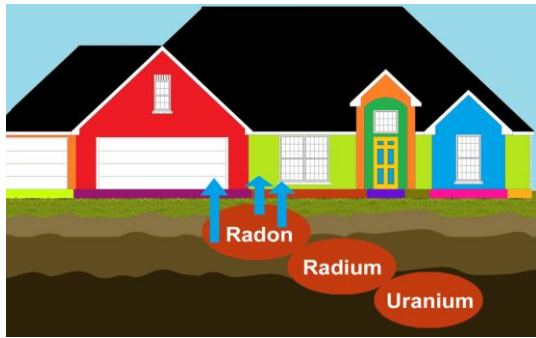
Effective Radon Measurement Techniques

2018

*A Powerful
2 - Day Technical Skills Course for
Professionals in Canada
with C-NRPP Exam*

KELOWNA, BC – FEBRUARY 26 -28
SAINT JOHN, NB – MARCH 26 -28
MISSISSAUGA, ON – APRIL 16 - 18





- **Expand Your Business**
- **Increase Profits**
- **Increase Customer Satisfaction**

Whether you are an experienced radon professional or are new at radon testing, this is the course for you!

The Radon Measurement course is a fast-paced, comprehensive, 2-day training program with all of the information you will need to conduct accurate and reliable radon measurements in public and residential buildings.

The course is all Canadian content and follows Canadian radon measurement practices. It is designed for the building or environmental professional who would like to expand their horizons by adding radon testing to the range of services offered.

The course follows the curriculum for certification in Canada.

The Tarion new home warranty in Ontario and many client organizations across Canada require radon testers to be certified.

Instructor: *Dave Hanneson*
B.A.Sc., M.B.A., P.Eng.

- Professional engineer. Instrumentation and measurement specialist.
- Directly involved with the advancement of the radon measurement technology for 30 years.
- Qualified instructor for topics of radon measurement, quality assurance, indoor air quality, and marketing.

WHO SHOULD ATTEND?

Those who want to advance their career in this highly rewarding area of indoor air quality, and generate additional income, should attend this course. The course is especially important if you are working in the following professions:

- ◆ Home Inspector
- ◆ Professional Engineer
- ◆ Engineering Technician
- ◆ Radiation Technologist
- ◆ Geologist
- ◆ Energy Auditor
- ◆ Environmental Consultant
- ◆ Building Contractor
- ◆ Safety Inspector
- ◆ HVAC Contractor
- ◆ Foundation and Waterproofing Contractor

- *No previous experience with radon testing methods is required.*
- Good communication skills are important.
- Experience with indoor air quality and building ventilation methods will be helpful, but not required.
- This course is the prerequisite for the radon mitigation course.

A Certificate of Proficiency, showing 16 hours of continuing education credits, will be earned upon successful completion of the course.

To provide a standard of professional qualification for conducting radon measurements - the American Association of Radon Scientists and Technologists (AARST) operates the National Radon Proficiency Program (NRPP).

Certification is not a mandatory requirement in Canada, but is recognized as a measure of professional qualification.

COURSE OBJECTIVES

- ◆ Become familiar with the methods for measuring radon gas including E-PERM monitors and continuous monitors.
- ◆ Be aware of the mechanics of radon entry into buildings.
- ◆ Master the radon measurement protocols needed to produce valid results according to Canadian guidelines.
- ◆ Know the requirements for closed house conditions.
- ◆ Understand the radioactive decay chain from uranium that is the source of radon gas and its radioactive decay products.
- ◆ Review the health effects of radon gas exposure, and the need for mitigating buildings with high levels of radon gas.
- ◆ Become familiar with the basic radon reduction techniques used by mitigation contractors in Canada.
- ◆ Unlock your abilities for advertising and promoting your radon measurement services.
- ◆ Be able to discuss radon testing with prospective clients, trades people, and regulatory officials to effectively increase your business level and maximize customer satisfaction.

THE NEED FOR RADON TESTING

Radon gas is a serious carcinogen that is present in homes throughout Canada. It is formed from the natural radioactive decay of small amounts of uranium in soil and rock. It is the second leading cause of lung cancer after smoking. Increasing numbers of Canadian homeowners are having their houses tested for radon gas. Radon is a serious health issue in schools, daycares, hospitals and other public buildings.

Being colourless and odorless, testing for radon is the only way that a homeowner can know if there is a radon problem. Houses being listed for sale need a radon test to show that the house is safe. Home buyers should request radon test results. New homes need to be tested to verify that radon reduction techniques have been successful and that the house is safe for occupancy.

COURSE FEE

\$660.00 or \$595.00 Early Bird Special

Course fees are tax deductible.

Register early; spaces in the course are limited.

This course, together with the Canadian National Radon Proficiency Program (C-NRPP) exam, complies with Health Canada recommendations regarding radon measurement proficiency. It is recognized by the Canadian Association of Home & Property Inspectors (CAHPI) and the International Association of Certified Home Inspectors (InterNACHI).

You can write the C-NRPP exam on the morning of Day 3, which will allow you to apply for C-NRPP certification and include "C-NRPP Certified" to your professional qualifications.

CANCELLATION AND REFUND POLICY

Cancellation **one month prior** to the course will result in a full refund.

Cancellation after this date will result in a refund of the fees paid minus an administration fee of \$40.00. Substitutions are permitted.

Biomation reserves the right to cancel or change this program for due cause, in which case a full refund of fees will be made available.

www.biomation.com/radon