QA Standard Update

Consumer-Grade Electronic Radon Devices

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QA Standards Committee Chair

I would like to thank:

The Committee Members: Alexandra Bahadori, Melinda Ronca-Battista, Nancy Bredhoff, Winnie Cheuvront, Rebecca Davis, Ashley Falco, Ryan Fox, Margaret Horton, Terry Howell, Annie-Laurie Hunter, Dallas Jones, Mike Kitto, Katin Kral, Michael LaFontaine, Peter Mellott, Shawn Price, Triggve Ronnqvist and Lorin Stieff

The Administrative Team: Gary Hodgen, Kim Steves, Diane Swecker, Jane Malone, Sarah Sokol, Kristen LeBaron, Wednesday Worth and Rebecca Dietrich

The Standards Process:



Year 1: A Standard is published

Year 2: The review process begins. Comments and concerns are received and reviewed individually until a complete review of submissions is complete.

Year 3: The committee crafts an updated standard based on accepted submissions. The updated standard is reviewed and prepared for publication.

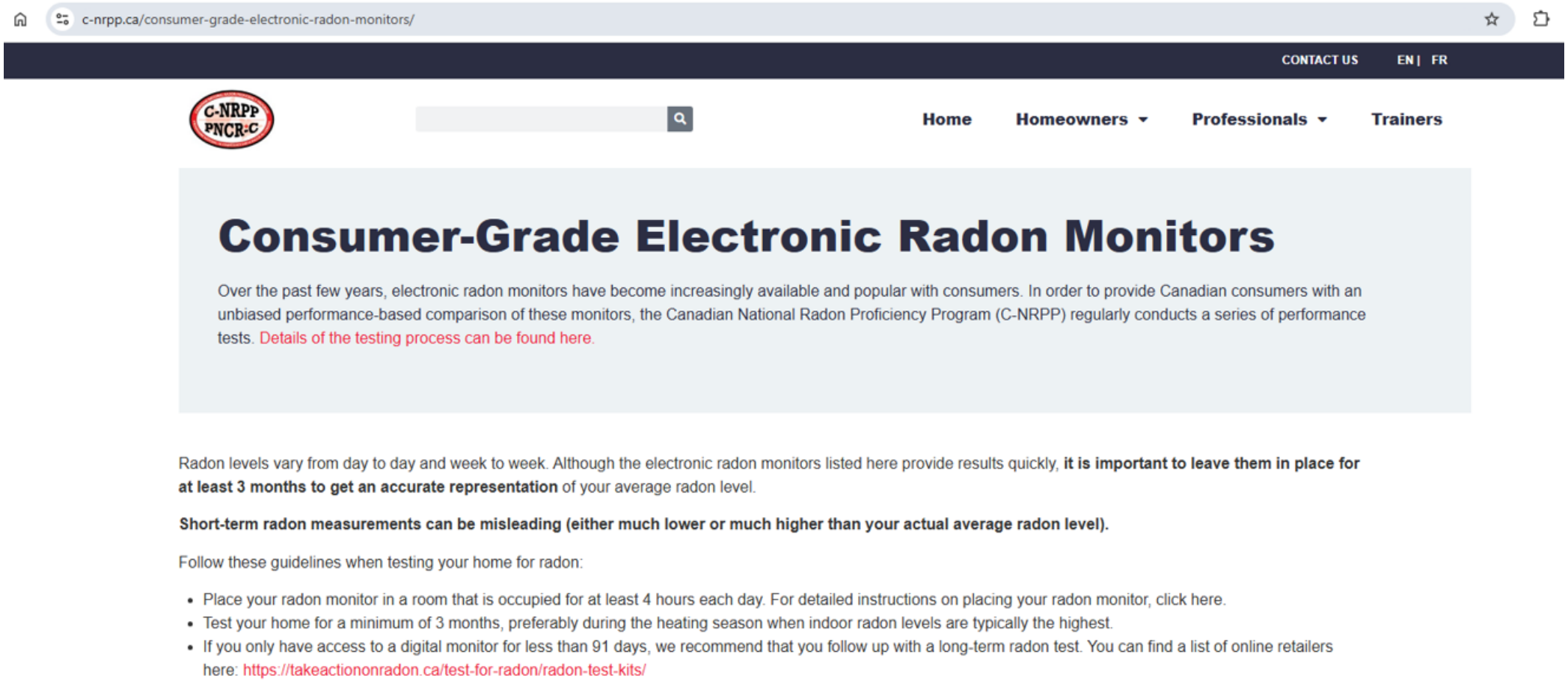
MS-PC & Consumer-Grade Electronic Radon Monitors

How the conversation started…

- More Consumer Grade Monitors are being sold.
- Consumer belief that Consumer Grade Monitors are as good as Professional Monitors.
- CRCPD's Advisory: Radon Testing with Consumer Digital Radon Monitors.
- How can we as an association, educate the consumer in the differences?
- How can we help consumers make informed decisions when using Consumer Grade Monitors?
- CARST (Canadian Association of Radon Scientists and Technologists).
- C-NRPP (Canadian Radon Proficiency Program).

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How the conversation started…



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How the committee proceeded…

- Develop criteria for evaluation.
- Develop a framework for a certifying body to develop a certification program.
  - Establishing a contract with manufacturers.
  - Minimum requirements for manufacturers.
  - Authority for accountability.
- Develop requirements for consumer information.
  - Consumer advisories.
  - Unable to be calibrated. (Loss of accuracy over time.)
  - Based on counts/hour, length of time for a valid result.
  - Starting a test.
  - QC Instructions.
  - Interpretation of results.

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Public Comments…

- Does not belong in an AARST Standard.
- Outside the scope.
- Potential for consumer confusion.
- Additional burden.

As a result, a new motion was made and the committee voted again. This time to remove the sections concerning consumer grade radon monitors from MS-QA and seek to publish them, with modification, in a new AARST Standard.

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What now?

- Executive Stakeholder Committee determines if a new standard should be created.
  - Filing with ANSI.
  - 45-day review.

- Your thoughts?