



BC Centre for Disease Control
An agency of the Provincial Health Services Authority

Environmental Health Services
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RADON TESTING

Radon Testing of Homes:

The guideline "Action Level" of 800 Bq/m³ (20 pCi/l) was adopted in 1988. In 2006, Canada's *Federal Provincial Territorial Radiation Protection Committee* (FPTRPC) recommended a revised guideline with a lower action level of 200 Bq/m³, which was adopted by Health Canada.

Test Protocol:

Testing for radon in homes can be carried out by the homeowner using a long-term monitor, such as an alpha-track type radon detector. **Long-term** electret sensors are also acceptable. At least one (1) monitor should be placed in the **main living area** of the home (not the basement) at about 4' to 7' above the ground. It should be left there for a minimum of three (3) heating months and preferably for a six (6) to twelve (12) month period. The monitor is then returned to the supplier who provides the results to the customer. A current list of the suppliers of these devices and their approximate cost is on the attached page.

Other types of radon detectors, such as charcoal canisters and electronic "sniffer" devices, are available but not recommended for evaluating radon in homes since they give a short-term reading (e.g. three (3) days) rather than a long-term (integrated) measurement of the average radon level. If such tests are carried out, owners need to be aware of the uncertainties in the interpretation of any results.

Additional information on radon testing and on methods of radon reduction can be obtained from the Radiation Protection Services in Vancouver.

Attachment

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(over)

The following information is a listing of businesses known to RPS to supply radon testing devices, or that provide measurements or remediation services. *This information is not an endorsement of any products or services provided by these businesses and BCCDC assumes no liability as a result of the use of such services.*

Please contact RPS at 604.707.2442 (rpsinfo@bccdc.ca) if you are uncertain as to the type of service you require. Businesses not listed below that wish to have their information included on this list and our website should contact RPS via [email](#) with their business info.

Canadian Companies

Healthy Homes IAQ

103-3677 Hwy 97N Kelowna BC V1X 5C3
Tel: 250.862.6400 | Fax: 250.861.4934
Email: info@healthyhomesiaq.com
Website: <http://www.healthyhomesiaq.com>

Bubble Technology Ind

Radiation Services Div
Hwy 17, PO Box 100 Chalk River ON KOJ 1J0
Tel: 613.589.2456 | Fax: 613.589.2763
Email: services@bubbletech.ca
Website: <http://www.bubbletech.ca/monitoring.htm>

Canadian Radon Testing Products Inc

Grant MacDonald
639 Burning Bush Rd Waterloo ON N2V 2C4
Tel: 866.461.3999
Email: sales@canadianradontesting.com
Website: <http://www.canadianradontesting.com>

Central Interior Radon Testing & Mitigation Services

Hardy Nickel
426 Melville Ave Prince George BC V2M 1Y2
Tel: 250.981.0227
Email: hnickelpg@shaw.ca | Website: <http://www.ciradontesting.ca>
Area for services limited to northern BC (Kamloops and north of).

Fine Homes Design

Peter Chataway (Mitigation Consultant)
368 Cadder Ave Kelowna BC V1Y 5N1
Tel/Fax: 250.763.1334

HomePro Inspections

Website: <http://www.homepro.ca> | Email: info@homepro.ca
North Okanagan 250.545.7071
Central Okanagan 250.861.1802
South Okanagan 250.492.4461

Interior Radiation Protection Services Ltd

Toll Free: 1.877.352.2300
Website: <http://www.irps.ca>

Nelson Office:

Bill Lynch | Email: bill@irps.ca
803 Silica St Nelson BC V1L 4N5
Tel: 250.352.2300 | Fax: 250.352.2309

Castlegar/Trail Office:

Paul Muntak | Email: paul@irps.ca
940 Columbia Rd Castlegar BC V1N 4K5
Tel: 250.359.8044 | Fax: 250.359.8045

LEX Scientific Inc

Saul Bravo
204-2 Quebec St Guelph ON N1H 2T3
Tel: 519.824.7082 | Fax: 519.824.5784
Email: admin@lexscientific.com | Website: <http://www.lexscientific.com>

Professional Laboratories Inc (PRO-LABS)

40 Hanlan Rd, Unit 45 Vaughan ON L4L 3P6
Toll Free: 1.800.427.0550 | Tel: 905.663.7036
Email: info@prolabinc.com
Website: <http://www.prolabinc.com/products.asp?kit=radongas>

Radon Detect

Tibor Popovics
1695 Impala Hills Lakefield ON K0L 2H0
Toll Free: 800.755.1145 | Fax: 705.657.1650
Email: tibor@radondetect.ca | Website: <http://www.radondetect.ca>
Certified in radon measurement & analytical through NRRP; supplies test kits & mitigation products across Canada from website.

Radon Environment Management

Alana McFarlane, Communications & Design
450-1040 W Georgia St Vancouver BC V6E 4H1
Tel: 778.327.4717 | Fax: 778.327.4716
Email: info@radoncorp.com | Website: <http://www.radoncorp.com>
Cost: \$35 Radtrak Radon Gas Test Kit (includes shipping and lab analysis)

RadonKit.ca

35-3010 33rd Ave NW Edmonton AB T6T 0C3
Tel: 587.937.2366
Email: info@radonkit.ca | Website: <http://www.radonkit.ca>

RH Morse & Associates Ltd

Robert H. Morse, PhD PEng
Toronto ON
Tel: 416.269.9979
Email: morse@finderschoice.com | Website: <http://www.finderschoice.com/m/>
Provides alpha detection systems for low levels of radon, radon daughters, radium and thoron in water.

US Companies

Air-Chek

1936 Butler Bridge Rd Mills River NC 28759
Tel: 828.684.0983 | Fax: 828.684.8498
Website: <http://www.radon.com>
Charcoal Detector, Radon in Water test

Landauer Corporate Office

2 Science Rd Glenwood IL 60425-1586
Tel: 708.755-7000 | Fax: 708.755.7016
Toll Free: 1.800.323.8830
Email: custserv@landauerinc.com | Website: <http://www.landauerinc.com>

Radiation Safety Services Inc (RSSI)

6312 Oakton St W Morton Grove IL 60053
Tel: 847.965.1999 | Fax: 847.965.1991
Email: radon@rssi.us | Website: <http://www.rssi.us>
Provides alpha-track detectors.

Radon Environmental Monitoring Inc

3334 Commercial Ave Northbrook IL 60062
Tel: 847.205.0110

Short-term Real Estate Testing for Radon

Canadian Radon Services Inc

Trevor Ginther
6329 96th St Grand Prairie AB T8W 2B9
Tel/Fax: 780.539.4626 | Cell: 780.228.6187
Email: trevorginther@yahoo.ca

Rocky Mountain Inspections Ltd

Erik Stout
PO Box 2873 Fernie BC V0B 1M0
Tel: 250.423.0963 | Fax: 708.755.7016
Toll Free: 800.323.8830
Email: erik@rockymountaininspections.ca

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Contact the above businesses directly to receive current prices.
Long-term Alpha track or multiple short-term tests are normally recommended before radon mitigation.