



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

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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March 2012

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RADON TESTING DEVICE DISTRIBUTORS

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 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 may also contact RPS at the number given.

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>

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 Test Kits from this company are available in Home Depot, Wal-Mart, Zeller's, Office Depot, TSC Stores, Home Hardware, Lowes, Canadian Tire Corp, Rona. Cost - \$9.99 + taxes for short-term at all stores listed (plus \$30.00 analysis fee when you mail the detectors into PRO LABS). All results will be emailed back within 48 hours or mailed back within 7 days of receipt of samples.

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 NRPP; supplies test kits & mitigation products across Canada from website.

RH Morse & Associates Ltd

Robert H. Morse, PhD PEng

Toronto ON

Tel: 416.269.9979

Email: morse@finderschoice.com | WebSite: <http://www.finderschoice.com/rn/>

Provides alpha detection systems for low levels of radon, radon daughters, radium and thoron in water.

Central Interior Radon Testing

Hardy Nickel

426 Melville Ave Prince George BC V2M 1Y2

Tel: 250.563.0708

Email: hnickelpg@shaw.ca

Area for services limited to Williams Lake to Prince George.

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@rsi.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

Note: Contact the businesses directly to receive current prices.

Note: Long-term Alpha track or multiple short-term tests are normally recommended before radon mitigation.