



## WHAT IS RADON?

- Radon gas is *invisible, odourless and tasteless* and is produced by the breakdown of uranium found in soil, rock or water.
- Radon can enter a home any place it finds an opening where the house contacts the soil (through cracks in foundation walls and in floor slabs, construction joints, gaps around service pipes, support posts, window casements, floor drains, sumps or cavities inside walls.)



## HOW DOES RADON AFFECT MY HEALTH?

- Radon breaks down to form radioactive elements that can be inhaled into the lungs where they damage the lung cells causing lung cancer.
- Exposure to high levels of radon in indoor air results in an increased risk of developing lung cancer. *In Canada, exposure to radon gas is responsible for 16% for all deaths caused by lung cancer.*



## HOW DO I TEST MY HOME FOR RADON?

- *The only way to know if a home has an elevated level of radon is to test.*
- Since the radon concentration inside a home or building varies over time, measurements gathered over a longer period of time are generally considered to give a more accurate picture of the radon exposure. Health Canada recommends that homes be tested using long-term test kits only (test period is a minimum of three (3) months).

➤ Radon test kits should be placed in the lowest living level of the home in a room where one spends at least 4 hours per day. For example: family room, office or bedroom in basement or living room, office or bedroom on main level.

➤ Radon test kits are available in this store in: \_\_\_\_\_ and cost: \$\_\_\_\_\_.



200 – 600 Bq/m<sup>3</sup>  
FIX YOUR HOME  
WITHIN 2 YEARS



Above 600 Bq/m<sup>3</sup>  
FIX YOUR HOME  
WITHIN 1 YEAR

## WHAT DO I DO AFTER I GET MY TEST RESULTS BACK?

- The current Canadian guideline for radon in indoor air for dwellings is 200 Becquerels per cubic metre (200 Bq/m<sup>3</sup>).
- The higher the radon concentration, the sooner remedial measures should be undertaken. Health Canada recommends that remedial measures be undertaken by Radon Mitigation Professionals certified by the Canadian National Radon Proficiency Program (C-NRPP).