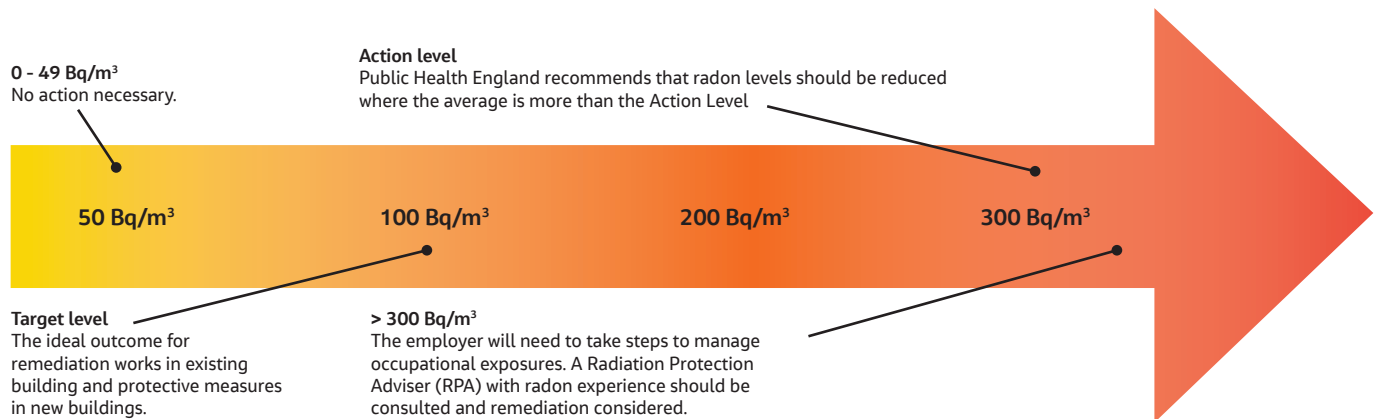


## Radiation Protection Adviser (RPA) Services for Radon



Radioactive radon gas is an invisible hazard in many homes and workplaces with radon attributed by the World Health Organisation as being the second largest cause of lung cancer.

Ref: <https://www.who.int/news-room/fact-sheets/detail/radon-and-health>

The U.K. has been widely surveyed and the highest radon areas have been defined as radon Affected Areas. Both above and below ground workplaces (e.g. basements, mines, caves, service ducts) can have significant radon levels if located in a radon Affected Area, with the risk being especially high for poorly-ventilated areas.

Under the U.K. Health and Safety at Work etc Act 1974, U.K. employers must, so far as is reasonably practicable, ensure the health and safety of employees and others who have access to their work environment. The U.K. Management of Health and Safety at Work Regulations 1999 require the assessment of health and safety risks and this should include radon in the following circumstances:

1. For above-ground workplaces located in a radon Affected Area, the risk assessment should include radon measurements in appropriate locations.
2. For all occupied below-ground workplaces or those containing an open water source, the risk assessment should include radon measurements.

The U.K.'s Ionising Radiations Regulations 2017 (IRR17), enforced by the U.K. Health & Safety Executive, come into effect for any work carried out in an atmosphere containing radon at an annual average activity concentration in air exceeding 300 Bq/m<sup>3</sup>. In this situation, employers are required to restrict the radiation exposure to their employees and should appoint and consult a qualified Radiation Protection Adviser (RPA).

Jacobs Clean Energy Limited has a Corporate RPA Body accredited by the HSE, able to offer expert radiation protection advice to U.K. companies. Jacobs will help you to fulfill your legal responsibility to provide a safe workplace for your employees by offering

- Advice on radon detector placement
- Radon radiation risk assessments
- Key working instructions to restrict radiation exposure
- Radiation awareness training
- HSE notification support
- Ongoing radon risk verification and management

### Contact

To discuss your RPA requirements in confidence or for more information on the applicability to your business or premises, please contact:

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The U.K. RPA team is only accredited to provide advice under U.K. Regulations