



Public Health
England

Protecting and improving the nation's health

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PHE Validation Scheme for Laboratories

The validation scheme outlines requirements by which suppliers of passive radon detectors can demonstrate competence in the measurement of radon levels in UK dwellings. The scheme includes a review of the quality procedures used by each supplier, performance tests that assess their ability to measure radon by exposing detectors to known quantities of radon and guidance in the interpretation of the measured results.

The scheme only applies to long term measurements, those of three months or longer because radon exhibits diurnal, monthly and annual variation. Shorter measurements, and especially those of less than a month, may be useful for screening purposes where time is short, but give a less accurate assessment of the annual average radon concentration, and are not covered by this scheme.

The aim of the validation scheme is to ensure good laboratory practice, and to address issues such as data protection, record keeping and dealing with complaints from customers.

The government departments with responsibility for radon in dwellings have requested local authorities and the Northern Ireland Housing Executive to give favorable consideration only to grant applications which are supported by measurements carried out by laboratories successfully participating in the scheme.

The following laboratories have been validated:

Laboratory	Telephone	Fax	Email
Public Health England Centre for Radiation, Chemical and Environmental Hazards Chilton Didcot Oxon OX11 0RQ	+44 (0)1235 831600	+44 (0)1235 833891	radon@phe.gov.uk
Alpharadon Ltd. Milltown Dingle Co Kerry Ireland	+353 (0) 66 9150900	+353 (0) 66 9150844	info@alpharadon.ie
DSTL Radiation Protection Services Institute of Naval Medicine Gosport Hants PO12 2DL	+44 (0)2392 768294	+44 (0)2392 768150	rpstokes@dstl.gov.uk
KUmicro (Radon) - RadLab product School of Earth Sciences and Geography Kingston University Kingston-upon-Thames Surrey KT1 2EE	+44 (0)20 8547 2000 ext 62903	+44 (0)20 8547 7497	scrust@kingston.ac.uk
LaRUC (Radon Group) Departamento de Ciencias Medicas y Quirurgicas Facultad de Medicina Universidad de Cantabria Avenida Cardenal Herrera Oria s/n 39011 Santander SPAIN	+34 942202207	+34 942201903	laruc@unican.es

Radon Centres Ltd Grove Farm The Grove Moulton Northampton NN3 7UF	+44 (0)1604 494118	+44 (0)1604 646456	sales@radon.co.uk
Radonova Laboratories AB BOX 6522 751 38 Uppsala	+46 (0) 18 56 88 00		customerservice@radonova.co.uk
Radosure Napier House Meadow Grove Bristol BS11 9PJ	+44(0)119 938 1172	+44(0)117 372 0667	info@radosure.com
U - Series Srl Via Ferrarese, 131 40128 Bologna Italy	+39 051 6312418	+39 051 4158173	info@u-series.com

Further details of the validation scheme are given in [HPA-RPD-047](#) - *Validation scheme for organisations making measurements of radon in dwellings: 2008 revision*, which is available from the Chilton Information Office (e-mail ChiltonInformationOffice@phe.gov.uk).

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