



Workplace - how many monitors?

The table below should be used to calculate how many detectors are required for radon monitoring in different workplace environments.

Workplace type*	Number of monitors	Examples
Office, individual or small	One per 100 m ² , generally corresponds to between a half and third of all ground floor rooms	Banks, small shops, professional practice (solicitors, etc), residential homes, schools
Open plan office, and retail or workshop up to about 1000 m ² , also public access areas	One per 250 m ²	Administrative and call centres, light industry, hotels
As above, up to 5000 m ²	One per 500 m ²	Large retail etc
Very large areas of several thousand m ²	One for each distinct area with obviously different environmental conditions, not less than 1 per 1000 m ² .	Manufacturing or process plant, warehouses
Basements	Should be monitored if occupied for more than 50 hours per year (~ an hour per week). One monitor for each occupied room, section or area.	Retail, bank and professional storage areas



Basements with generally high occupancy should be monitored using the rules as for ground floors

Wholly underground

As a guide at least one in each main working area, and other normally occupied areas, but seek specialist advice

Water industry, mines and caves