

Customer Name:	Childcare Units
Property Testing Address:	Cwmafan Port Talbot SA12 9NR
Dates of Radon Testing:	30/09/2025 - 14/10/2025
Date of Report:	21/10/2025

Introduction

Thank you for choosing RPW Radon Wales Ltd for your radon testing.

The detectors have now been processed at a third-party independent laboratory validated by the UK HSE and your results and our advice is detailed below.

Results

Detector Number	Location	Raw Radon Level (Bq/m ³)	Estimated Annual Average Level (Bq/m ³)
3506160	Main Hall	15	N/A
3506129	Second Hall	27	N/A



For a commercial/public building the annual average level should not exceed 300 Bq/m³. If the annual average levels exceed 300 Bq/m³ in any part of your building(s) you should follow the compliance information below.

Radon levels fluctuate throughout the year, and indeed from day to day. Radon levels are likely to be at their highest during the winter months and lower during the summer. A seasonal correction factor (calculated by the UK Health Security Agency) has been applied to the 'raw' results, taken over a 3-month period from your building.

Workplace Properties – Compliance Information

The Ionising Radiations Regulations 2017 (IRR17) apply when any part of a workplace exceeds an annual average level of 300 Bq/m³.

If action is required, the following should be considered:

Ventilate the building as much as possible. Appoint a specialist contractor to carry out remedial works, such as installing a radon sump to lower the radon concentration in the building. Radon testing must then be repeated to confirm that the levels have fallen below 300 Bq/m³.

In all instances where radon concentrations more than 300 Bq/m³ have been identified in a workplace, the Health & Safety Executive must be Notified. This can be done at <https://services.hse.gov.uk/bssd/>.

If further action isn't required at this stage, be aware that various occurrences in and around a building can affect the radon levels inside. The Health & Safety Executive stipulates that the radon risk assessment process should be reviewed at least every 10 years and/or if there are any significant changes to the building structure or work processes taking place within it. Often these risk assessments are carried out every two or five years to ensure compliance, which is largely dependent on previous test results and radiation levels.

Employers or workplace property owners may choose to mitigate if their radon levels exceed 300Bq/m³ to provide a safer working environment for their employees.



Our Recommendation

We have produced this handy chart to help you decide what the best course of action should be, based on your testing and results.

For 3-month testing, if the radon results of your test are above the action level of 300Bq/m³



Further action and mitigation is required. Testing is to be in place until levels have been reduced and notifications to HSE and Employer are to be completed.

For 3-month testing if the radon results of your test are under 300Bq/m³



No further action is required at this stage – the risk assessment should be reviewed in 3-5 years.

If this test is post remedial and the results are over 300Bq/m³, further remedial works should be undertaken. If the post remedial results are below 300Bq/m³, the levels have been successfully reduced. Regular maintenance inspections are to be completed on the systems and compliance testing must be completed every 2 years.

Ongoing Monitoring

Should your building have provided high results, testing is to be in place until the levels have been brought down to under 300Bq/m³. Once extraction system(s) have been installed, testing must be done post remedial to check the levels have been reduced successfully. It is also recommended to test regularly to monitor the levels (every 2 years) or if any adaptations are made to the building which will alter the airflow for example, upgrade the windows and doors / extensions.



Can RPW Radon Wales Help?

RPW Radon Wales Ltd are an independent specialist dedicated to reducing radon levels. We only work in the field of radon control and have over 17 years' experience in reducing radon levels from both homes to complex commercial situations. If you have any queries regarding your radon results or need to arrange a mitigation design survey to determine the best method of remediation and a no obligation quotation for mitigation works, please do not hesitate to contact us on 01994 231850 or email info@rpwradonwales.co.uk and we would be pleased to assist you.

Yours sincerely,

Richard Waters

Richard Waters Company Director

