



Personnel Dosimetry Services



With over 30 years experience providing Radiation Protection Advice, IRS is your one-stop solution to all your radiation protection needs.

IRS offers a wide range of personnel radiation monitoring services that measure the effective and equivalent doses received by persons exposed to ionising radiations. Monitoring involves the assessment for beta, gamma and neutron radiation.

Service specification:

IRS will provide a comprehensive personnel monitoring dosimetry service that will include:

- Advising on the extent to which personnel monitoring and environmental surveys are required.
- Advice on the provision, maintenance and testing of safety features and personal protective clothing
- Investigation of abnormally high exposures or overexposures of staff
- Investigation when doses received by staff are believed to be much greater or less than that recorded on individual dose meters
- Investigation of any annual cumulative staff dose which exceeds an effective dose of 6.0 mSv or of any equivalent dose limit
- Investigation when the results of any dose monitoring indicates unsatisfactory conditions and when appropriate, liaison with manufactures representatives
- Estimation of foetal doses for patients subsequently found to be pregnant following radiological investigation
- Estimation of patient dose because of suspected equipment faults or operator error
- Advising on dose reduction strategies
- Advice on the planning and organisation of routine patient dose assessment and the collation of dose data
- Whole body and extremity dose assessments
- Provision of a comprehensive monitoring service to enable the Trust to demonstrate compliance with Regulation 8[1] and 18[2] of the Ionising Regulations 1999.
- Maintenance of relevant records, including individual dose records, on behalf of the Trust in accordance with the regulations. The dose records are kept on paper by IRS for 2 years and on computer at the Approved Dosimetry Service (ADS), in compliance with IRR 99.

IRS has been recognised as an RPA Body by the Health and Safety Executive (HSE).