

THE UNIVERSITY OF MANCHESTER

PARTICULARS OF APPOINTMENT

FACULTY OF SCIENCE AND ENGINEERING

FACULTY OFFICE - SCIENCE AND ENGINEERING

NUCLEAR CONTROL TEAM

RADIOLOGICAL PROTECTION / HEALTH PHYSICS SPECIALIST

VACANCY REF: SAE-031254

Salary:	£37,694 to £46,049 per annum, plus £10,000 Market Supplement
Hours:	35 hours per week (1 full time equivalent)
Annual leave:	29 days
Duration:	Permanent
Location:	Oxford Road, Manchester

Enquiries about the vacancy, shortlisting, and interviews:

Manager: James Schofield

Email: james.schofield-2@manchester.ac.uk

About the role:

As Radiological Protection / Health Physics Specialist in the Nuclear Control Team, you will support the commissioning, management and operation of our new alpha radionuclide research facility and will lead on enabling the smooth implementation of radiological protection compliance. You will report directly to the Nuclear Laboratory Control Manager (NLCM) collaborating with other team members with expertise in Safety, Environmental, Security, Programme Coordination, and with the associated Academic and Technical teams.

Since its establishment in 1824, the University of Manchester has been a beacon of innovative ideas that transform the world. Today, we are at the forefront of tackling pivotal issues in energy, security, and environmental sustainability. This is your chance to play a part in our pioneering efforts in the UK's coolest city.

What you will get in return

Joining our team at the University of Manchester means you'll enjoy a range of fantastic benefits designed to make your life easier and more fulfilling:

- Dive into a market-leading pension scheme that's all about securing your future.
- Full-scale health and wellbeing support including an Employee Assistance Programme, to keep you in tip-top shape both physically and mentally.
- Generous annual leave starting at 29 days, plus all public bank holidays—perfect for some well-deserved downtime.
- Enjoy a paid break over the Christmas period; it's on us, so you can cherish those moments with loved ones without dipping into your leave.
- Get exclusive discounts at a host of local and national retailers, making your money stretch further.
- Experience the chance to live and work in Manchester, often hailed as one of the UK's top cities for its buzzing culture, stellar transport links, and lively community.

Key Responsibilities:

- **Radiological Safety:**
 - Develop and perform sampling and decontamination procedures using appropriate techniques and equipment.
 - Implement radiological protection measures, for normal operations and planned containment breaches.
 - Support the review of risk assessments, focusing on radiological safety.
 - Develop and maintain area designations, dose limitations, and personal alarm limits for work areas.
 - Work with the Radiation Protection Supervisor (RPS) and RPA.
- **Monitoring and Maintenance:**
 - Manage daily and weekly routine monitoring along with post operations monitoring clean down.
 - Lead the calibration, maintenance, and operation of radiological monitoring equipment.
 - Collaborate with the dosimetry provider and occupation health to manage worker dose, investigations and reporting trends and issues.
 - Train users in the appropriate use of monitoring equipment.
- **Emergency response:**
 - Play a crucial role in emergency scenarios.
 - Conduct surveys and monitoring of personnel, including the ability to support monitoring and sampling in case of exposure.
 - Liaise with the first responders and provide transport and site advice during emergencies.
 - Ability to be part of an on-call Rota providing emergency support and management.

We're looking for someone with:

- **Essential:**
 - Knowledge and experience in managing dose monitoring, sampling and contamination monitoring, contamination containment systems, and developing radiological risk assessments.
 - A degree (or equivalent) or relevant suitable experience.
 - Experience in radiological protection roles (e.g. RPS, radiation monitor, health physics surveyor).
 - In depth knowledge of the IRR17 and relevant legislation.
 - Strong organisational skills with an ability to progress improvement plans and develop processes and procedures.
- **Desirable:**
 - Direct experience working with glovebox operations, decontamination, and ingestion/inhalation hazards.
 - Technical qualification in Radiation Protection.
 - Experienced in radionuclide laboratories.
 - Ability to make judgement decisions across a broad range of technical disciplines.

We know there is no such thing as the perfect candidate. If you feel you meet most of the requirements and could bring something unique to the role with your mix of relevant and transferable skills, we would still like to hear from you.

Additional requirements

Due to the nature of this role and the level of security clearance required, applications can only be accepted from British nationals. These clearances require residence in the United Kingdom for five years. The position is conditional upon these authorisations, and obtaining and continuing to hold the security clearance, where required. You will be contacted after offer to provide the relevant information for the clearance process. Please see the security vetting link from UK Government on requirements.

<https://www.gov.uk/government/publications/united-kingdom-security-vetting-clearance-levels/national-security-vetting-clearance-levels>