

COGIRMI12

Carry out maintenance of ionising radiation measurement instrumentation



Overview

This unit covers the competence required to carry out the safe and effective maintenance of ionising radiation measurement instrumentation.

This unit deals with the following:

- 1 Carry out maintenance of ionising radiation measurement instrumentation

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

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Performance criteria

You must be able to:

- P1 work safely at all times, complying with health and safety and other relevant regulations and guidelines
- P2 follow the relevant maintenance procedures
- P3 ensure that the tools used are fit for purpose
- P4 carry out the maintenance activities in the specified sequence and in an agreed timescale
- P5 take suitable precautions to prevent damage to components, tools and equipment during maintenance
- P6 ensure that the components used meet the specification
- P7 label, store or discard any removed components in accordance with organizational procedures
- P8 complete maintenance records accurately and pass them on to the appropriate authority
- P9 dispose of waste materials in accordance with safe working practices and organisational procedures
- P10 adhere to the relevant quality standards

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Knowledge and understanding

You need to know and understand:

- K1 the health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures governing ionising radiation and their implications for your area of work
- K2 the relevance of personal protective equipment (PPE)
- K3 the nature, characteristics, hazards and risks of the ionising radiation measurement instrumentation and the technology in the instrumentation used to take measurements
- K4 the functioning of the ionising radiation measurement instrumentation covered by the maintenance programme
- K5 the actions to be taken in response to an unplanned event
- K6 waste streams and component disposal procedures
- K7 reporting lines and procedures
- K8 the requirements of the maintenance plan and procedures
- K9 the maintenance methods to be used
- K10 the tools and equipment to be used and how to use them
- K11 instrument operation and care and control procedures
- K12 the risks associated with your work and their potential consequences
- K13 the relevant quality standards and compliance regime

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Additional Information

Scope/range

- 1 resources: facilities; tools and equipment; time
- 2 priority: essential; non-essential

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Suite Ionising Radiation Measurement Instrumentation

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