

COGIRMI03

Adapt technical procedure for ionising radiation measurement instrumentation



Overview

This unit covers the competence required to adapt and obtain approval for a safe and effective technical procedure for ionising radiation measurement instrumentation. The technical procedure could relate to testing, calibration or maintenance.

This unit deals with the following:

- 1 Adapt technical procedure for 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, legislation and guidelines
- P2 confirm that the technical procedure that is fit for purpose within the intended operational context
- P3 confirm the fitness for purpose of the instructions for the adapted procedure
- P4 inform the appropriate authority of problems and anomalies
- P5 make recommendations for improvement
- P6 obtain agreement to your procedure from the appropriate authority
- P7 adhere to the relevant quality standards
- P8 document the agreed process for audit purposes in accordance with organisational procedures

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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 nature, characteristics, hazards and risks of ionising radiation and the technology in the instrumentation used to take measurements
- K3 the objectives of the technical procedure
- K4 methods and techniques to be applied
- K5 the performance criteria of the instrument
- K6 the basis on which ionizing radiation measurement instrumentation technical procedures are designed
- K7 the facilities and resources available
- K8 the resources needed to carry out the technical procedure (time, people, facilities, equipment, etc)
- K9 your own level of authority

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Additional Information

Scope/range

- 1 technical, legal and cost implications: safety; technical
- 2 information: complete and correct; incomplete and incorrect; complete and incorrect; incomplete and correct

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Suite Ionising Radiation Measurement Instrumentation

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