

SFHCHS210

Maintain healthcare equipment, medical devices and associated systems



Overview

This standard relates to the maintenance procedures that ensure that equipment, medical devices and their associated systems remain safe and fit for their intended purpose.

It covers the wide range of equipment, medical devices and associated systems used within the wide range of health environments.

Users of this standard will need to ensure that practice reflects up to date information and policies.

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Performance criteria

You must be able to:

- P1 work within your level of competence, responsibility and accountability
- P2 apply appropriate health and safety measures, infection prevention and control and personal protective equipment
- P3 clarify all issues regarding the required maintenance and their impact on delivery of services with stakeholders and end users
- P4 check the cleaning/decontamination status and any specific requirements of the equipment/device prior to the maintenance activity
- P5 select the appropriate test equipment and service tools and confirm they are correctly calibrated and working at optimal performance
- P6 select the correct protocol for type and range of item under test
- P7 complete the planned preventive maintenance to the specified schedule
- P8 take appropriate actions to optimise performance of the test item as indicated within the maintenance schedule
- P9 identify and determine action for anomalies and malfunction that cannot be rectified, referring the item or component part for repair or replacement and seek assistance if this is outside your level of responsibility
- P10 inform users of the reasons for any fault or malfunction identified , what action needs to be taken and how to avoid re-occurrence
- P11 carry out suitable decontamination/cleaning procedures following the completion of the maintenance schedule
- P12 inform stakeholders and end users of maintenance activity results
- P13 release the item to end user after gaining authorisation to do so
- P14 complete and maintain full, accurate and legible records of information in line with current legislation, guidelines, local policies and protocols

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Knowledge and understanding

You need to know and understand:

- K1 your own level of competence, authority and specialist knowledge
- K2 the range of stakeholders and end users involved, their information needs, roles, responsibilities and capabilities in respect of maintenance
- K3 the manufacturer's specification, standards, legal and organisational requirements in respect of maintenance relevant to your work activities
- K4 the importance of following the relevant maintenance schedule and protocols and the measurement principles and the limitations of the tests used
- K5 the range of health and safety measures, infection prevention and control and personal protective equipment, their importance and application in maintenance of equipment, medical devices and associated systems
- K6 the range of scientific, technological and/or engineering tools used in the maintaining equipment, their correct use and limitations and how to check these are operating at optimal performance
- K7 the principles of operation of the maintenance item, its intended use, capabilities and limitations and expected performance parameters within your work practice
- K8 factors affecting decisions on maintenance activity including urgency, downtime, and the impact on services
- K9 where applicable, the range of any appropriate equipment available to maintain the continuity of service
- K10 the implications associated with unsafe, poorly or non-maintained equipment, devices and associated systems
- K11 the importance of liaising with relevant stakeholders and end users when working in the range of working environments and how to do this
- K12 the current national legislation, guidelines, local policies and protocols which affect your work practice
- K13 the policies and guidance that clarify your scope of practice, accountabilities and the working relationship between yourself and others

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Additional Information

External Links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: EF1 Systems, vehicles and equipment

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