

## Conduct routine maintenance on clinical equipment

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### Overview

This standard relates to the performance of routine preventative and/or first line corrective maintenance activities by the user for equipment within your own working context. It ensures that clinical equipment in use remains safe and fit for its intended purpose. You can use the standard for each type of equipment within the scope of your normal work activity.

Users of this standard will need to communicate effectively to meet individuals' needs and wishes and work in line with health and safety legislation, policy and practices.

## Performance criteria

### *You must be able to:*

- P1. identify and agree the roles and responsibilities of yourself and others in conducting routine maintenance on clinical equipment
- P2. prioritise action based on maintaining clinical services
- P3. notify all issues affecting the required preventive and/or first line corrective maintenance and their impact on delivery of services to relevant others
- P4. assess decontamination status and requirements of the equipment to be maintained
- P5. run appropriate tests to assess operational status of equipment
- P6. carry out maintenance activities:
  - a. in accordance with schedule and organisational requirements
  - b. using appropriate reference materials
  - c. to within correct parameters for intended purpose
  - d. using appropriate test equipment
- P7. report any instances where the maintenance activities cannot be fully met or where there are identified defects outside the planned schedule
- P8. check equipment is functioning against expected operational parameters to confirm operational status
- P9. confirm that equipment is ready for intended use
- P10. notify appropriate others of the status of equipment on completion of planned maintenance
- P11. dispose of waste in accordance with organisational procedures
- P12. complete all relevant documentation required for conducting routine maintenance on clinical equipment

## Knowledge and understanding

### *You need to know and understand:*

- K1. how to access and interpret all relevant work instructions, legislation, guidelines, policies, procedures and protocols needed to conduct routine maintenance on clinical equipment
- K2. the scope and limitations of your own competence, responsibilities and accountability as it applies to your job role
- K3. specific procedures for reporting issues which are beyond your competence, responsibilities and accountability
- K4. the correct use of any equipment and PPE to protect the health and safety of you and others
- K5. the intended purpose of the clinical equipment
- K6. the requirements for routine preventative and/or first line corrective maintenance for specified equipment, including frequency
- K7. the peripherals required for the optimum functioning of the equipment
- K8. the infection prevention and control requirements and decontamination procedures as they apply to equipment and environments
- K9. the expected performance parameters, principles of operation, capabilities and limitations of specified equipment
- K10. the technology used in the equipment being maintained
- K11. the safety implications and correct procedures for handling the technology used
- K12. the factors affecting decisions on maintenance activity including urgency, time, impact on services, other available equipment, risks
- K13. the type and range of records required for maintenance of equipment and the types of tests carried out
- K14. fault and error message diagnosis and appropriate actions
- K15. how to dispose of waste in accordance with organisational procedures
- K16. how to complete and safely store all relevant documentation in accordance with organisational requirements

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