

SFHCHS200

Install equipment and associated systems within healthcare



Overview

This standard relates to the installation of equipment and its associated systems at professional user level. Installation process includes an evaluation of the appropriate site for the equipment and the completion of relevant checks for any associated services or devices. Individuals will be assessed against the standard for each type of equipment within the scope of their normal work activity.

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 check the technical data and instructions relating to the installation process for the new equipment, seek assistance for advice and guidance where appropriate
- P3 liaise with key personnel throughout to promote safe installation and effective handover at the end of the process
- P4 check the instruction manuals, service manuals and warranties to identify any special requirements
- P5 assess the installation requirements for the medical equipment and associated systems with relevant specialists, taking into consideration the intended clinical setting and health, safety, security and environmental requirements
- P6 where appropriate, specify changes required to the environment and liaise with the relevant specialists to ensure changes are implemented
- P7 identify the risks associated with the installation of the new equipment, accommodation or facilities and take appropriate action to minimise these, seek advice if outside your area of responsibility
- P8 confirm that the design and location of the accommodation will allow correct and safe installation and operation of the new equipment and associated systems
- P9 check all necessary associated services for the equipment and its associated systems and/or facilities are fully functional and sited in the correct position
- P10 co-ordinate the safe installation with other key stakeholders as appropriate to the size and complexity of equipment /associated systems
- P11 participate in the installation of the equipment /associated systems and check relevant guidelines are implemented during and on completion of installation
- P12 check the operational status of the installed system or facility and seek advice if problems or issues arise outside your level of responsibility
- P13 where applicable, hand over relevant information and documentation to end users
- P14 maintain full, accurate and legible records of information and store in correct location 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 base
- K2 where, when and how to obtain technical or specialist advice and support
- K3 the key principles and relevant technical data associated with the installation of the range of specific equipment and associated systems within your work responsibilities
- K4 how to conduct a review of the clinical setting involving key stakeholders to identify specific and special needs for the installation process
- K5 the range of factors which influence the location and operation of equipment and associated systems within your area of responsibility
- K6 the functions of the component parts of the equipment and associated systems, their installation and operating requirements
- K7 the range and operational details of the utility requirements for the specific equipment and associated systems
- K8 how to check the functionality of the existing utilities and their suitability prior to the installation of the equipment and associated systems, involving relevant stakeholders when this is outside your area of responsibility
- K9 the importance of any connectivity, software, networking and/or down loading of data in the installation process and the appropriate individuals or organisations to provide this
- K10 where appropriate, the loading capability of the structure to which equipment and the associated systems may be mounted to and the mounting solutions to address this
- K11 procedures for managing problems arising with installation of equipment and associated systems
- K12 health, safety and security and environmental requirements involved in installation
- K13 the requirements for signing off handover documentation with key stakeholders
- K14 the current national legislation, guidelines, local policies and protocols which affect your work practice
- K15 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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