

Unit 112: Decommissioning and Disposal of Medical Equipment

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| Level: | 4 |
| Unit type: | Equipment Management and Clinical Engineering |
| Credit value: | 6 |
| Guided learning hours: | 48 |

Unit summary

In this unit, you will acquire the knowledge and skills to diagnose faults within clinical engineering and medical physics and you will be able to apply appropriate engineering workshop skills. You will be able to work safely when decommissioning and disposing of equipment across a defined range of equipment, selecting and using appropriate methods and processes. You will be expected to build your professional practice and use critical reflection to review and improve your performance in the workplace and develop skills to promote continuous professional development.

Unit assessment requirements

There are no specific assessment requirements for this unit. Please refer to the assessment strategy in *Annexe B*.

Additional information

All procedures must be undertaken in accordance with Standard Operating Procedures (SOPs) and legislation.

AC1.5 includes:

- special waste
- clinical waste
- radioactive waste
- waste electrical and electronic equipment (WEEE)
- restriction of hazardous substances (RoHS).

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet **in own area of work and in accordance with Standard Operating Procedures (SOPs)** to achieve the learning outcomes and the unit.

| Learning outcomes | | Assessment criteria | | Evidence type | Portfolio reference | Date |
|-------------------|--|---------------------|--|---------------|---------------------|------|
| 1 | Understand the process of decommissioning and disposing of medical equipment | 1.1 | Evaluate the local procedures for decommissioning and disposal of medical equipment | | | |
| | | 1.2 | Explain the legislation for decommissioning and disposal of medical equipment | | | |
| | | 1.3 | Explain the decontamination techniques for medical equipment in own area of practice | | | |
| | | 1.4 | Explain the infection control procedures for medical equipment in own area of practice | | | |
| | | 1.5 | Explain the regulations for waste management | | | |

| Learning outcomes | | Assessment criteria | | Evidence type | Portfolio reference | Date |
|-------------------|--|---------------------|--|---------------|---------------------|------|
| 2 | Be able to prepare for decommissioning and disposal of medical equipment | 2.1 | Perform an initial risk assessment to identify any potential risks and determine the disposal process and the regulations that apply | | | |
| | | 2.2 | Discuss routes of disposal and obtain authorisation for disposal | | | |
| | | 2.3 | Decontaminate equipment ensuring correct local procedures/protocols are followed | | | |
| | | 2.4 | Disable equipment following local procedures | | | |
| | | 2.5 | Remove all data, especially confidential or identifiable data, from the equipment | | | |
| | | 2.6 | Follow data protection policy and local procedures to maintain data records and confidentiality | | | |
| 3 | Be able to organise decommissioning and disposal of medical equipment | 3.1 | Dispose of medical equipment in accordance with Standard Operating Procedures | | | |
| | | 3.2 | Record clear and unambiguous information relating to the disposal from the equipment | | | |
| | | 3.3 | Remove any unnecessary equipment documentation in line with local procedures | | | |

Learner name: _____

Date: _____

Learner signature: _____

Date: _____

Assessor signature: _____

Date: _____

Internal verifier signature: _____

Date: _____

(if sampled)