

## Unit 111: Conduct Routine Maintenance on Clinical Equipment

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Level:	3
Unit type:	Optional
Credit value:	4
Guided learning hours:	30

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### Unit Aim

This unit is about the carrying out of routine preventative and/or first-line corrective maintenance activities for clinical equipment within the individual's own working context. It ensures that clinical equipment in use remains safe and fit for its intended purpose.

### Assessment requirements

This unit must be assessed in line with *Skills for Health Assessment Principles for Qualifications that Assess Occupational Competence* document. Detailed information can be found in *Annexe A* of the qualification specification.

Evidence for skills within learning outcomes 3-5 must come from real work activities.

<b>Learning outcomes</b> <b>The learner will:</b>	<b>Assessment criteria</b> <b>The learner can:</b>
1 Understand current legislation, national guidelines, policies, protocols and best practice related to conducting routine maintenance on clinical equipment	1.1 Summarise the current legislation, national guidelines, policies, protocols and best practice guidelines for conducting <b>routine maintenance</b> on clinical equipment
2 Understand the procedures involved in conducting routine maintenance on clinical equipment	2.1 Describe the frequency of maintenance for clinical equipment in own scope of activity
	2.2 Explain the expected performance parameters, principles of operation, capabilities and limitations of the equipment
	2.3 Explain the requirements for <b>routine preventative and/or first line corrective maintenance</b>

<b>Learning outcomes</b> <b>The learner will:</b>	<b>Assessment criteria</b> <b>The learner can:</b>
	2.4 Explain the factors affecting decisions on <b>maintenance</b> activity 2.5 Explain a fault and error message diagnosis and actions to take 2.6 Explain the type and range of records required for <b>maintenance</b> of equipment
3 Be able to prepare to carry out routine maintenance on clinical equipment	3.1 Prioritise action based on maintaining services 3.2 Access relevant data from technical or supporting manuals to assist with <b>routine maintenance</b> 3.3 Apply <b>standard precautions</b> for infection control prior to <b>maintenance</b> 3.4 Confirm equipment is correctly set up for <b>preventive and/or first line corrective maintenance</b> /fault diagnosis activities
4 Be able to carry out routine maintenance on clinical equipment	4.1 Notify any issues affecting the <b>preventive and/or first line corrective maintenance</b> and their impact on delivery of services to colleagues in line with local policy and protocol 4.2 Assess decontamination status and requirements of the equipment to be maintained 4.3 Conduct planned <b>preventive and/or first line corrective maintenance</b> in line with local policy and protocol 4.4 Check equipment is functioning against operational parameters to confirm operational status 4.5 Seek advice or support when <b>preventive and/or first line corrective maintenance</b> activity falls outside own level of expertise 4.6 Dispose of waste materials in accordance with local policy and protocol

<b>Learning outcomes</b> <b>The learner will:</b>	<b>Assessment criteria</b> <b>The learner can:</b>
5 Be able to report and record on routine maintenance carried out on clinical equipment	5.1 Report any instances where the maintenance activities cannot be fully met or where there are identified defects outside the planned schedule
	5.2 Update/maintain records in line with local policy and protocol

### **Additional information about the unit**

Exemplification of terms used in assessment criteria:

**Routine, preventative and/or first line corrective maintenance.**

Maintenance which is predicted, regular, expected and scheduled within the scope of the learner.

**Standard precautions for infection control** include: correct procedures for handwashing, using gloves, and aprons, goggles and masks, using sharps safely.