



Australian Government

Assessment Requirements for UEEIC0045 Troubleshoot medical equipment control systems

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including
 - using risk control measures
- carrying out fault-finding activities without damage using sustainable energy principles
- completing and reporting fault-finding and rectification activities
- dealing with unplanned situations safely and with the approval of relevant person/s
- determining the need to inspect, test and measure live work
- dismantling apparatus components and storing to protect against loss or damage
- finding faults
- inspecting and isolating apparatus
- inspecting and testing reassembled apparatus
- obtaining scope of the medical equipment control system faults
- obtaining tools, equipment and testing devices
- preparing to find and rectify faults
- rectifying faults without damage
- providing written justification for the rectifications undertaken and notifying relevant person/s.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- problem-solving techniques
- relevant isolation procedures
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications and operating instructions
- relevant medical equipment principles and control systems, including medical equipment and

systems and safe working practices, including:

- cardiovascular systems
- respiratory systems
- neurological systems
- renal systems
- medical imaging
- miscellaneous medical equipment
- physiological equipment
- medical equipment, anatomy and physiology and infection control
- relevant tools, equipment and testing devices
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace instructions, policies and procedures
- sustainable energy principles.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, facilities and equipment currently used in industry
- resources that reflect current industry practices in relation to finding and rectifying faults in medical equipment control systems
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>