



Australian Government

Assessment Requirements for UEEEL0011

Evaluate performance of low voltage electrical apparatus

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
- checking and isolating circuits/machines/plant
- dealing with unplanned situations in accordance with workplace procedures and safe work practices
- evaluating electrical apparatus
- identifying non-compliance defects
- interpreting compliance documents of equipment for assessments
- obtaining and checking tools, testing devices and materials required for work
- preparing to evaluate electrical apparatus
- reporting inspection and test results and non-compliance issues
- requesting advice and coordinating work with relevant person/s
- setting up and conducting appropriate inspections and tests of electrical apparatus
- testing and measuring live work environments
- using sustainable energy practices.

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 electrical machines and performance monitoring
- relevant machine inspection and test methods
- relevant manufacturer specifications and operating instructions
- relevant performance standards and regulatory requirements for electrical equipment
- relevant job safety assessments or risk mitigation processes

- relevant tools, testing devices and materials
- 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 evaluating performance of electrical apparatus
- 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>