



Australian Government

Assessment Requirements for UEECD0034 Produce routine tools/devices for carrying out energy sector work activities

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 industry standards
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using risk control measures
- applying sustainable energy practices
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- dismantling and assembling electrical and electronic components
- following quality, workplace procedures and instructions
- following work schedule
- identifying and carrying out work activities
- obtaining and checking tools, equipment resources and materials
- producing products in accordance with work schedule
- updating work records
- using and returning tools, equipment, personal protective equipment (PPE), surplus resources and materials.

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
- scope of engineering practice work and responsibilities, including:
 - applying and working to ethical standards
 - maintaining currency in technical and regulatory developments
 - working with others in a project team
- relevant hand, fixed and portable tools, including:
 - associated hazards

- care and maintenance
- cutting, shaping, drilling, threading, tapping, and finishing metallic, non-metallic and structural components
- different types of tools and their purpose
- requirements for use in the workplace
- techniques for the correct and safe use
- tools for dismantling and assembling electrical and electronic components
- tools for measuring and marking out
- relevant industry standards
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant quality workplace procedures
- relevant sustainable energy practices
- relevant tool, equipment, resources and materials
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies, procedures and instructions.

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, equipment and PPE currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, relevant industry standards, 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>