



Australian Government

Assessment Requirements for UEECD0006 Apply technologies and concepts to energy sector work activities

Release: 1

Assessment Requirements for UEECD0006 Apply technologies and concepts to energy sector work activities

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 and performance criteria on at least one occasion and include:

- understanding work instruction
- obtaining and checking tools and equipment
- following work schedules
- using technologies and applying concepts appropriately
- returning tools and surplus resources as required
- updating work records
- dealing with unplanned events
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- applying sustainable energy principles and practices
- cleaning and making safe work area
- communicating and confirming technologies and concepts, including information technologies
- obtaining resources and materials, including performing ongoing checks
- working with 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 and performance criteria and include knowledge of:

- energy sector technologies and concepts, personal computers and computer hardware, including:
 - starting up
 - selecting application
 - entering information
 - saving
 - printing
 - structure and components and their function:

- motherboards, memory modules, video modules, connecting buses and storage devices
- assembling and dismantling techniques
- hardware faults and troubleshooting techniques (confined to sub-system level)
- basic network hardware and components
- connection of network media
- set-up of standard network configuration
- communication techniques
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant tools, equipment and personal protective equipment (PPE)
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- sustainable energy principles and practices.

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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated 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 other simulations
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- 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>