



Australian Government

Assessment Requirements for UEECD0009 Carry out routine work activities in an energy sector environment

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 and performance criteria on at least two separate occasions and include:

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

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 vocations, including:
 - electrical
 - electronics and communications
 - computer systems
 - data communication
 - refrigeration and air conditioning
 - instrumentation and control
 - rail signalling

- lifts
- electricity supply – generation, transmission and distribution
- gas industry
- career paths in energy sector, including:
 - Australian policy framework for qualifications/classifications
 - scope of work for the installation, maintenance and servicing sector
- training in energy sector vocations, including:
 - traineeships and apprenticeships
 - minimum electrical licencing requirements
 - career pathways and awards
- industry stakeholders, including:
 - employer and employee organisations
 - government electrical regulatory authorities and skills standards networks
 - private and public Registered Training Organisations (RTOs)
- qualification requirements, including:
 - units of competency and qualification assessments
- employment preparation, including:
 - job application involving research, writing and methods to apply
 - job interview consisting of preparation and presentation
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications and operating instruction for tools, equipment and technologies
- relevant sustainable energy practices
- 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 personal protective equipment (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>