



Australian Government

Assessment Requirements for UEERE0024 Attend to breakdowns in remote area power supplies (RAPS)

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 one occasion and include:

- working safely
- ascertaining the nature of a breakdown
- ascertaining the extent of repairs required and the personnel needed to repair the breakdown
- reporting so arrangements can be made for the repair work to be carried out
- undertaking specified minor repairs
- dealing with unplanned events
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures and practices, including the use of risk control measures
- attending to breakdowns in remote area power supplies (RAPS)
- checking isolation of circuits/machines/systems
- completing relevant reporting
- conducting quality checks
- coordinating work with relevant person/s
- determining live electrical testing/measurement requirements
- identifying and accessing materials, tools, equipment and testing devices.

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:

- remote area essential services facilities breakdowns, including:
 - remote area essential services facilities repairs encompassing:
 - windows
 - fences
 - gate
 - locks and catches
 - power generation components repairs encompassing:

- diesel engines
- generators
- batteries
- photovoltaic (PV) arrays
- wind generators
- auxiliary equipment
- electrical lighting services minor repair encompassing:
 - incandescent light globes
 - fluorescent tubes
 - fluorescent light starters
 - diffusion devices
 - safety awareness
- essential services facilities safety and security and emergency checks encompassing:
 - broken windows
 - faulty lighting
 - damaged gates
 - logging the inspections
 - notification of the situation
 - safety awareness
- telephone encompassing:
 - answer calls promptly and clearly
 - using designated business protocol procedures
 - making and receiving telephone calls in a workplace-related context
 - obtain accurate telephone numbers from an appropriate source
 - establish contact using designated business protocol
 - procedures
 - convey purpose of call clearly and concisely
- electrical encompassing:
 - identification and basic function of electrical components used
 - for generating and distributing
 - electricity safety procedures when working with electricity
 - identification of faulty electrical components
 - reporting of faulty electrical components
- electrical work
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation.

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 suitable 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 personal protective equipment (PPE) currently used in industry
- resources that reflect current industry practices in relation to attending to breakdowns in RAPS
- 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>