



Australian Government

**UEERE0024 Attend to breakdowns in
remote area power supplies (RAPS)**

Release: 1

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

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to attend to breakdowns of remote area power supplies (RAPS).

It includes preparing for, conducting, completing and reporting on maintenance of RAPS.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECD0019 Fabricate, assemble and dismantle utilities industry components

UEECD0042 Solve problems in ELV single path circuits

UEERE0019 Maintain safety and tidiness of remote area power supply systems

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to undertake maintenance work

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Work health and safety (WHS)/occupational health and safety (OHS) requirements for relevant work area are identified and applied in accordance with workplace

- procedures
- 1.2 Risk control measures are applied in accordance with workplace procedures prior to commencing work
 - 1.3 Risks/hazards are identified, assessed, reported to relevant person/s and control measures implemented
 - 1.4 Nature of maintenance work is identified from documentation or from relevant person/s to determine the scope of work
 - 1.5 Advice on coordinating work with others is obtained from relevant person/s and applied
 - 1.6 Materials required for the work are identified and accessed in accordance with workplace procedures
 - 1.7 Tools, equipment and testing devices required for work are obtained and checked for correct operation and safety
- 2 Conduct maintenance work**
- 2.1 Workplace risk control measures and procedures are applied
 - 2.2 Need to test or measure live electrical work is determined in accordance with WHS/OHS requirements and conducted in accordance with workplace procedures
 - 2.3 Circuits/machines/plant are isolated in accordance with WHS/OHS requirements and workplace procedures
 - 2.4 Non-routine events are referred to relevant person/s for directions in accordance with workplace procedures
 - 2.5 Work is conducted minimising waste of materials and energy, damage to apparatus, circuits, the surrounding environment and services
 - 2.6 Quality checks are conducted in accordance with workplace procedures
- 3 Complete work and report outcomes**
- 3.1 Workplace risk control measures and procedures are applied
 - 3.2 Worksite is cleaned and made safe in accordance with workplace procedures
 - 3.3 Relevant person/s is notified of the completion of maintenance in accordance with workplace procedures

and documented

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEK109A Attend to breakdowns in remote area power supplies (RAPS).

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>