



Australian Government

UEERE0083 Maintain safety and tidiness of remote area power supply systems

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.

This unit replaces and is equivalent to UEERE0019 Maintain safety and tidiness of remote area power supply systems. Modifications include:

- Several duplicate performance criteria removed
- Range of conditions amended
- Updates to performance evidence.

Application

This unit involves the skills and knowledge required to maintain the safety and tidiness of remote area power supply (RAPS) systems.

It includes preparing to maintain safety and tidiness of RAPS system equipment, completing work and reporting issues.

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

UEERE0088 Work safely with remote area power supply systems

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to maintain safety and tidiness of RAPS system

- 1.1** Work health and safety (WHS)/ occupational health and safety (OHS) requirements and workplace procedures are identified and applied
- 1.2** Risks/hazards are identified, assessed, reported to relevant person/s and control measures implemented
- 1.3** Nature and location of the RAPS system is identified from work schedule and relevant person/s to determine the scope of work
- 1.4** Advice on coordinating work with relevant personnel and the local community is obtained from relevant person/s and applied
- 1.5** Tools and equipment required for cleaning work are obtained and checked for correct operation and safety
- 1.6** Need to test or measure live electrical work is determined in accordance with WHS/OHS requirements and conducted in accordance with workplace procedures

2 Maintain RAPS system

- 2.1** Circuits/machines/system are isolated in accordance with WHS/OHS requirements and workplace procedures
- 2.2** RAPS system and area are cleaned in accordance with workplace procedures
- 2.3** Cleaning is completed minimising waste of materials, energy, damage to apparatus, circuits, the surrounding environment and services
- 2.4** Quality checks are conducted in accordance with workplace procedures

3 Complete work and report outcomes

- 3.1** Cleaning and tidiness issues are reported to the local community in accordance with workplace procedures
- 3.2** Cleaning work is completed and issues are reported to relevant person/s in accordance with workplace procedures

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.

RAPS system must incorporate a battery bank and at least one of the following:

- generator set
- photovoltaic (PV) array
- wind generator.

Unit Mapping Information

This unit replaces and is equivalent to UEERE0019 Maintain safety and tidiness of remote area power supply systems.

Links

Companion Volume Implementation Guides are found in VETNet -

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