



Australian Government

UEERE0019 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.

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

UEERE0023 Work safely with 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 maintain safety and tidiness of RAPS system

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 and workplace procedures for relevant work area are identified and applied

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 and location of the RAPS system is identified from work schedule and relevant person/s to determine the scope of work
	1.5	Advice on coordinating work with relevant personnel and the local community is obtained from relevant person/s and applied
	1.6	Tools and equipment required for cleaning work are obtained and checked for correct operation and safety
2	Maintain RAPS system	
	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/system are isolated in accordance with WHS/OHS requirements and workplace procedures
	2.4	RAPS system and area are cleaned in accordance with workplace procedures
	2.5	Cleaning is completed minimising waste of materials, 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	Cleaning and tidiness issues are reported to the local community in accordance with workplace procedures
	3.3	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 two of the following:

- generator set
- photovoltaic (PV) array
- RAPS system
- wind generator

Unit Mapping Information

This unit replaces and is equivalent to UEENEEK101A 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>