



Australian Government

UEP20218 Certificate II in Remote Area Essential Service

Release 1

UEP20218 Certificate II in Remote Area Essential Service

Modification History

Release 1. This is the first release of this qualification in the UEP - Electricity Supply Industry - Generation Sector Training Package.

Qualification Description

Participants gaining this qualification will be able to perform operations in remote area essential services in the electrical supply industry. Functions may include selecting, assembling, setting up and maintaining simple equipment and systems following prescribed workplace procedures and routines, including observing safe working practices.

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

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total 360 weighting points comprising 160 core weighting points, plus 200 elective weighting points from the general elective units listed below.

Choose a total of 200 weighting point from the general elective units list below of which between 0 and 160 weighting points can be taken from Group A. Between 40 and 200 weighting points may be taken from Group B, you may select all your elective units from this group.

Up to 160 weighting points of the general elective units Group A, may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided that selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in UEP CVIG, if not listed weighting points will be 10 points unless directed from the ESI Generation Industry Reference Committee (IRC). The general elective units must contribute to the vocational outcomes of the qualification.

Where imported units are selected, care must be taken to ensure that all prerequisite units specified are complied with.

Where a prerequisite unit is attached to a unit, it is identified by this symbol L.

Core units

Weighting Points

UEENEEE038B	Participate in development and follow a personal	20
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competency development plan

UEENEEE101A	Apply Occupational, Health Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	40
UEENEEE137A	Document and apply measures to control WHS risks associated with electrotechnology work └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	20
UEENEEK101A	Maintain safety and tidiness of remote area power supply systems └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace └ UEENEEK102A Work safely with remote area power supply systems	20
UEENEEK102A	Work safely with remote area power supply systems └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	20
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	20

Group A elective units**Weighting Points**

UEENEEC001B	Maintain documentation	20
UEENEEC002B	Source and purchase material/parts for installation or service jobs	20
UEENEEC008B	Receive and store materials and equipment for electrotechnology work	20
UEENEEC010B	Deliver a service to customers	20
MEM05012C	Perform routine manual metal arc welding	20
MEM05007C	Perform manual heating and thermal cutting	20

NWPGEN011	Use maps, plans, drawings and specifications	30
NWPGEN007	Sample and test drinking water	20
NWPGEN008	Sample and test waste water	20
NWPNET002	Prepare and restore work site	30
NWPSOU002	Control vegetation on a site	20
NWPSOU051	Monitor and operate groundwater extraction	20
UEPOPS344	Conduct water conveyance and control	30
NWPSOU011	Maintain catchment and surrounding areas	40
NWPNET023	Maintain and repair network assets for wastewater	40
FDFSUG222A	Operate a waste water treatment system	20
NWPNET041	Monitor and operate water distribution systems	30
NWPSOU054	Monitor and operate pump stations	30
NWPTRT001	Operate and control water treatment processes	30
NWPTRT052	Operate and control hypochlorite disinfection processes	30
NWPTRT012	Operate and control fluoride addition process	20
Group B elective units		Weighting Points
UEENED101A	Use computer applications relevant to a workplace └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace.	20
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20
UEENEEE105A	Fix and secure electrotechnology equipment └ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEE101A Apply Occupational, Health Safety	40

	regulations, codes and practices in the workplace	
UEENEEE108A	Lay wiring/cabling and terminate accessories for extra low voltage (ELV) circuits	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, dismantle, assemble of utilities industry components	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
UEENEEE122A	Carry out preparatory energy sector work activities	60
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
UEENEEE131A	Solve problems in ELV circuits for non-electrical workers	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
UEENEEE151A	Transport apparatus, equipment and materials	60
UEENEEK103A	Conduct periodic maintenance of remote area power supply battery banks	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, dismantle, assemble of utilities industry components	
	└ UEENEEK101A Maintain safety and tidiness of remote area power supply systems	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEK102A Work safely with remote area power supply systems	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	

	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK104A	Conduct periodic maintenance of remote area power supply generator sets	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, dismantle, assemble of utilities industry components	
	└ UEENEEK101A Maintain safety and tidiness of remote area power supply systems	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEK102A Work safely with remote area power supply systems	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	
	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK105A	Conduct periodic maintenance of remote area power supply photo voltaic arrays	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, dismantle, assemble of utilities industry components	
	└ UEENEEK101A Maintain safety and tidiness of remote area power supply systems	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEK102A Work safely with remote area power supply systems	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	
	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK106A	Conduct periodic maintenance of remote area power supply wind generators	40
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, dismantle, assemble of utilities industry components	
	└ UEENEEK101A Maintain safety and tidiness of	

	remote area power supply systems	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEK102A Work safely with remote area power supply systems	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	
	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK111A	Assemble and connect remote area power supplies	60
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEE108A Lay wiring/cabling and terminate accessories for extra low voltage (ELV) circuits	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	
	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK112A	Provide basic sustainable energy solutions for energy reduction in residential premises	40
UEENEEK114A	Promote sustainable energy practices in the community	40
UEENEEK116A	Maintain and repair remote area power generation facilities	120
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEK101A Maintain safety and tidiness of remote area power supply systems	
	└ UEENEEK102A Work safely with remote area power supply systems	
	└ UEENEEK104A Conduct periodic maintenance of remote area power supply generator sets	

Electrotechnology Pathway Group

└ UEENEEE104A Solve problems in D.C. circuits

Remote Area Pathway Group

└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers

UEENEEK117A	Maintain and repair facilities associated with remote area essential service operations	120
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE103A Solve problems in ELV single path circuits	
	└ UEENEEE131A Solve problems in ELV circuits for non-electrical workers	
	└ UEENEEE104A Solve problems in D.C. circuits	
UEENEEK118A	Maintain and monitor remote area essential service (RAPS) operations	120
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
	└ UEENEEK102A Work safely with remote area power supply systems	
UEENEEK123A	Carry out basic repairs to renewable energy apparatus	80
	└ UEENEEE104A Solve problems in D.C. circuits	
	└ UEENEEE108A Lay wiring/cabling and terminate accessories for extra low voltage (ELV) circuits	
	└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230-volt supply	20
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	20
	└ UEENEEE101A Apply Occupational, Health Safety regulations, codes and practices in the workplace	

Qualification Mapping Information

This qualification replaces and is equivalent to UEE21311 - Certificate II in Remote Area Essential Service

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>