



Australian Government

UEE21311 Certificate II in Remote Area Essential Service

Release 3

UEE21311 Certificate II in Remote Area Essential Service

Modification History

Release	Action	Core/Elective	Details	Points
2	Update to Release 2	Group A	NWP209B Use maps, plans, drawings and specifications	10
2	Update	Group A	NWP210B Perform basic water quality tests	10
2	Update	Group A	NWP218B Perform and record sampling	10
2	Update	Group A	NWP226B Prepare and restore work site	10
2	Update	Group A	NWP227B Control vegetation on a site	10
2	Update	Group A	NWP229B Repair minor structures	10
2	Update	Group A	NWP243B Operate bore fields and groundwater source systems	10
2	Update	Group A	NWP245B Maintain tanks and water storage assets	10
2	Update	Group A	NWP247A Maintain catchment and surrounding areas	10
2	Update	Group A	NWP253B Install and repair water services	10
2	Update	Group A	NWP255B Maintain and repair wastewater collection assets	10
2	Update	Group A	NWP256B Monitor and report water distribution systems	10
2	Update	Group A	NWP257B Maintain and repair wastewater collection systems	10
2	Update	Group A	NWP259B Operate, monitor and maintain pump stations	10
2	Update	Group A	NWP260A Monitor and report water treatment processes	10
2	Update	Group A	NWP261A Operate and maintain water treatment plant and equipment	10

2	Update	Group A	NWP262A Monitor and report wastewater treatment processes	10
2	Update	Group A	NWP263A Operate and maintain wastewater treatment plant and equipment	10
2	Update	Group A	NWP268B Monitor, operate and report chlorine disinfection systems	10
2	Update	Group A	NWP276A Monitor, operate and report fluoridation processes	10

3	Edit	Core	Correct title of UEENEEK142A - Apply environmentally and sustainable procedures in the energy sector	20
3	Edit	Elective	Correct title of UEENEEK117A - Maintain and repair facilities associated with remote area essential service operations	120
3	Edit	Elective	Correct title of UEENEEK118A - Maintain and monitor remote area essential service (RAPS) operations	120

Description

Scope

This qualification provides competencies to select, assemble, set up and maintain simple equipment and systems following prescribed routines.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Not applicable.

Packaging Rules

Completion requirements

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

- All the Core competency standard units, defined in the Core Competency Standard Units table below and
- A combination of Elective competency standard units to achieve a total weighting of 200 points in accordance with the Elective Competency Standard Units table below.

Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
UEENEEE038B	Participate in development and follow a personal competency development plan	20
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	20
UEENEEK101A	Maintain safety and tidiness of remote area power supply systems	20
UEENEEK102A	Work safely with remote area power supply systems	20
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	20
Total points in core		160

Elective Competency Standard Units			
Complete Elective units to achieve a total of weighting of 200 points from the following groups:			
Group		Minimum points	Maximum points
A	Imported and Common Elective Units	0	160

	Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 2. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.		
B	Qualification Elective Units You may select all your elective units from this Group	40	200

Group A – Imported and Common Elective Units You may complete units to a maximum weighting of 160		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
NWP209B	Use maps, plans, drawings and specifications	30
NWP210B	Perform basic water quality tests	20
NWP218B	Perform and record sampling	20
NWP226B	Prepare and restore work site	30
NWP227B	Control vegetation on a site	20
NWP229B	Repair minor structures	20
NWP243B	Operate bore fields and groundwater source systems	20
NWP245B	Maintain tanks and water storage assets	30
NWP247A	Maintain catchment and surrounding areas	40
NWP253B	Install and repair water services	40

NWP255B	Maintain and repair wastewater collection assets	20
NWP256B	Monitor and report water distribution systems	30
NWP257B	Maintain and repair wastewater collection systems	30
NWP259B	Operate, monitor and maintain pump stations	30
NWP260A	Monitor and report water treatment processes	30
NWP261A	Operate and maintain water treatment plant and equipment	30
NWP262A	Monitor and report wastewater treatment processes	30
NWP263A	Operate and maintain wastewater treatment plant and equipment	30
NWP268B	Monitor, operate and report chlorine disinfection systems	30
NWP276A	Monitor, operate and report fluoridation processes	20
	<p>Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 2. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.</p> <p>Note: For further information see Application of the NQC Flexibility Formula, UEE11 Electrotechnology Training Package, Version 1, Volume 1 Qualification Framework</p>	Up to 160 Points

Group B – Qualification Elective Units Complete units to a minimum weighting of 40 You may select all your elective units from this Group		Weighting Points
UEENEED101A	Use computer applications relevant to a workplace	20
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20
UEENEEE105A	Fix and secure electrotechnology equipment	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	40
UEENEEE108A	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	40
UEENEEE122A	Carry out preparatory energy sector work activities	60
UEENEEE131A	Solve problems in ELV circuits for non electrical workers	40
UEENEEE151A	Transport apparatus, equipment and materials	60
UEENEEK103A	Conduct periodic maintenance of remote area power supply battery banks	40
UEENEEK104A	Conduct periodic maintenance of remote area power supply generator sets	40
UEENEEK105A	Conduct periodic maintenance of remote area power supply photo voltaic arrays	40
UEENEEK106A	Conduct periodic maintenance of remote area power supply wind generators	40
UEENEEK111A	Assemble and connect remote area power supplies	60
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

UEENEEK117A	Maintain and repair facilities associated with remote area essential service operations	120
UEENEEK118A	Maintain and monitor remote area essential service (RAPS) operations	120
UEENEEK123A	Carry out basic repairs to renewable energy apparatus	80
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	20
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	20

Note:

1. Pre-requisite pathways shall be identified and met for all elective units selected.
2. In selecting elective units considerations to career planning advice should be given to units that form part of a pre-requisite pathway for the progression to achieve particular competencies or qualification at a higher level.

END OF QUALIFICATION**Custom Content Section**

Not applicable.