



Australian Government

Department of Education, Employment and Workplace Relations

UEE21310 Certificate II in Remote Area Essential Service

Release: 1

UEE21310 Certificate II in Remote Area Essential Service

Modification History

Not Applicable

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, **and**
- A combination of Elective competency standard units selected from Group A and/or Group B, to achieve a total weighting of 360 points, **and**
- All the required pre-requisite competency standard units

Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
UEENEEE001B	Apply OHS practices in the workplace	20
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components	40
UEENEEE037B	Document occupational hazards and risks in electrotechnology	20
UEENEEE038B	Participate in development and follow a personal competency development plan	20
UEENEEK001B	Maintain safety and tidiness of remote area power supply (RAPS) systems	20
UEENEEK042A	Participate in environmentally sustainable work practices	20
Total points in core		140

Elective Competency Standard Units		
Complete Elective units to achieve a total of weighting of 360 points from the following groups:		
Group	Minimum points	Maximum points
A		
Imported and Common Elective Units	0	80
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 in the Electrotechnology Training Package, their weighting will be 10 points.		
B	Qualification Electives - Schedule 2 Units You may select all your elective units from this Group	280	

Group A - Imported and Common 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
NWP209B	Use maps, plans, drawings and specifications	30
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
UEPOPS234A	Perform Routine oxy-acetylene (fuel gas) Welding (OAW)	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 in the Electrotechnology Training Package, their weighting will be 10 points.</p> <p>Note: For further information see <i>Transition to NQC Packaging Rules for Flexibility</i>, Page 48, UEE07 Electrotechnology Training Package, Version 4, Volume 1 Preliminary Information.</p>	Up to 80 Points

Group B - Qualification Electives - Schedule 2 Units		Weighting Points
You may select all your elective units from this Group		
UEENEEA001B	Assemble electronic apparatus	40
UEENEEA002B	Select electronic components	20
UEENEEA003B	Set up and check electronic component placement machines	40
UEENEEA004B	Rework electronic sub assemblies	40
UEENEEA005B	Conduct functional and quality tests on assembled electronic apparatus	20
UEENEEA006B	Apply lead-free soldering techniques	40
UEENEEC003B	Provide quotations for installation or service jobs	20
UEENEED001B	Use basic computer applications relevant to a workplace	20
UEENEEE003B	Solve problems in extra-low voltage single path circuits	40
UEENEEE004B	Solve problems in multiple path d.c. circuits	40
UEENEEE005B	Fix and secure equipment	20
UEENEEE007B	Use drawings, diagrams, schedules and manuals	40
UEENEEE008B	Lay wiring/cabling and terminate accessories for extra-low voltage circuits	40
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20
UEENEEE022B	Carry out preparatory electrotechnology work activities	60
UEENEEE051B	Transport apparatus and materials	60
UEENEK002B	Work safely with remote area power supply (RAPS) systems	20
UEENEK003B	Conduct periodic maintenance of remote area power supply (RAPS) battery banks	40

UEENEEK004B	Conduct periodic maintenance of remote area power supply (RAPS) generator sets	40
UEENEEK005B	Conduct periodic maintenance of remote area power supply (RAPS) photo voltaic arrays	40
UEENEEK006B	Conduct periodic maintenance of remote area power supply (RAPS) wind generators	40
UEENEEK007B	Conduct checks in the demand side use of remote area power supplies	40
UEENEEK008B	Plan periodic maintenance schedules of remote area power supplies	40
UEENEEK011B	Assemble and connect remote area power supplies	60
UEENEEK012B	Provide basic sustainable energy solutions for energy reduction in domestic premises	40
UEENEEK013B	Apply sustainable energy practice in daily activities	100
UEENEEK014B	Promote sustainable energy practice in the community	40
UEENEEK016A	Maintain and repair remote area power generation facilities	120
UEENEEK017B	Maintain and repair facilities associated with remote area essential services operation	120
UEENEEK020B	Maintain operation of remote area power plant	120
UEENEEK023B	Carry out basic repairs to renewable energy apparatus by replacement of components	80
UEENEEK047A	Maintain and monitor remote area essential service operations	120
UEENEEK050A	Assemble and set up photovoltaic apparatus in a domestic dwellings	20
UEENEPP002B	Attach cords and plugs to electrical equipment for connection to a single phase 250 Volt supply	40
UEENEPP008B	Conduct in-service safety testing of electrical cord assemblies and cord connected equipment	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
