



Australian Government

UET30912 Certificate III in ESI - Remote Community Utilities Worker

Release 3

UET30912 Certificate III in ESI - Remote Community Utilities Worker

Modification History

Scope:

Those gaining this qualification will be able to acquire the skills and knowledge needed for a career in inspecting and maintaining essential public utilities (excludes mine sites) within Very Remote Communities.

All work on essential electrical utilities will be undertaken in a non-energised (Dead) environment other than for testing purposes.

The use of support plant and equipment to undertake these tasks and environmental concerns also play a part in this job function.

Definitions:

Very Remote Communities:

Means a community with restricted access and very little accessibility of goods, services and opportunities for social interaction. Very remote communities experience high levels of unemployment that leads to economic disadvantage. Supporting information on the classification of a very remote community can be defined using the latest version of ARIA (Accessibility/Remoteness Index of Australia)

Non-energised (Dead):

means prior to the commencement of work, all electrical apparatus is to be isolated. That is for High Voltage (short-circuited and earthed) and for Low Voltage (short-circuited to the neutral)

Release	Action	Core/Elective	Details	Points
2	Update	Group A	Update to release 2 NWP218B Perform and record sampling	20
2	Update	Group A	Update to Release 2 NWP261A Operate and maintain water treatment plant and equipment	30
2	Edit	Group A	Add UEENEEE131A Solve problems in ELV circuits for non electrical workers	40
2	Update	Core	Update name of unit UEENEEE102A Fabricate, assemble and dismantle utilities industry components	40

2	Add	Group A	UEENEEE131 Solve problems in ELV circuits for non electrical workers	40
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Description

Not applicable.

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 360 points in accordance with the Elective Competency Standard Units table below.
- All the required prerequisite competency standard units have been met.

Core Units — All to be completed		Weighting Points
UEENEEE103A	Solve problems in ELV single path circuits	40
UEENEEE101A	Apply Occupational Health Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
UEENEEE105A	Fix and secure electrotechnology equipment	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	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
UEENEEK116A	Maintain and monitor remote area power generation facilities	80
UETTDREL11A	Apply sustainable energy and environmental procedures	20
UETTDREL12A	Operate plant and equipment near live electrical conductors and apparatus	40
UETTDREL16A	Working safely near live electrical apparatus	20
UETTDRLS32A	Solve electrical problems in remote community network apparatus	80
UETTDRLS33A	Solve electrical problems in remote community network systems	80
UEENEEK120A	Maintain operation of remote area power	120

	generation plant	
UETTDRI99A	Test and verify distribution remote area installations	40
Total points in core		700

Elective Competency Standard Units

At least a weighting of 360 points to be achieved. Must achieve at least 180 points from Group B

Group		Minimum points	Maximum points
A	Imported and Common Elective Units 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 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.	0	180
B	Qualification Electives You may select all your elective units from this Group	180	360

Group A – Imported and Common Elective Units		Weighting Points
You may complete units to a maximum weighting of 180 points		
CPCCLDG3001A	Licence to perform dogging	20
NWP218B	Perform and record sampling	20
NWP261A	Operate and maintain water treatment plant and equipment	30
AHCARB205A	Operate and maintain chainsaws	20
TLILIC0012A	License to operate a vehicle loading crane (Capacity 10 metre tonnes and above)	40
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	40
UEENEEE131A	Solve problems in ELV circuits for non electrical workers	40
UEENEEK103A	Conduct periodic maintenance of remote area	40

	power supply battery banks	
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
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 assemblies and cord connected appliances/equipment	20
	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 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points. Note: For further information see Application of the NQC Flexibility Formula, Page 10, UET12 Electricity Supply Industry – Transmission, Distribution and Rail Sector Training Package, Version 1, Volume 1 Qualification Framework.	Up to 180 Points

Group B At least 180 points to be achieved from this group. You may select all your elective units from this Group		Weighting Points
UETTDRCJ21A	Lay ESI electrical cables	20
UETTDRCJ26A	Install and maintain de-energised low voltage underground polymeric cables.	50
UETTDRCJ27A	Install and maintain de-energised high voltage underground polymeric cables.	50
UETTDROP11A	Inspect overhead poles/structures and electrical apparatus	50
UETTDRI36A	Install and maintain low voltage services in remote communities (overhead)	40
UETTDRI37A	Install and maintain low voltage services in remote communities (underground)	40
UETTDRI38A	Install and maintain public lighting systems in remote communities	40
UETTDRI52A	Install and maintain poles, structures and associated hardware	50
UETTDRI54A	Install and maintain overhead conductors and cables	60
UETTDRI34A	Install and replace energy meters and associated equipment in remote communities	50
UETTDRI35A	Perform remote community network field switching to a given schedule	40
UETTDRI55A	Install and maintain low voltage underground services	40

Note:

1. Prerequisite pathways shall be identified and met for all elective units selected.

END OF QUALIFICATION

Custom Content Section

Not applicable.