Australian Government

UEE21420 Certificate II in Remote Area Power Supply Maintenance

Release 1

UEE21420 Certificate II in Remote Area Power Supply Maintenance

Modification History

Release 1. This is the first release of this qualification in the UEE Electrotechnology Training Package

Qualification Description

This qualification covers the skills and knowledge required for routine maintenance of remote area power supplies (RAPS) consisting of battery banks, generator sets, photovoltaic (PV) arrays and wind generators.

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 of **360 weighting points** comprising:

200 core weighting points listed below; **plus**

160 general elective weighting points from the general elective units listed below.

Choose a total of 160 **weighting points** elective units from the list below, of which between 0 and 60 **weighting points** can be taken from Group A; and between 100 and 160 **weighting points** must be taken from Group B; or all elective units of 160 **weighting points** can be taken from Group B.

Up to 60 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 the UEE Electrotechnology Training Package Companion Volume Implementation Guide (CVIG), if not listed weighting points will be 10 points unless, directed from the Electrotechnology Industry Reference Committee (IRC).

There are units of competency within this qualification that contain pre-requisites. Units of competency that have a pre-requisite requirement are identified by this symbol *. Refer directly to the units of competency to identify pre-requisite requirements to ensure all are complied with. A list of all pre-requisites is also provided in the UEE Pre-requisite Companion Volume.

Where imported units are selected, care must be taken to ensure all pre-requisite units specified

are complied with.

Core units		Weighting Points
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work*	20
UEECD0019	Fabricate, assemble and dismantle utilities industry components*	40
UEECD0027	Participate in development and follow a personal competency development plan	20
UEECD0042	Solve problems in ELV single path circuits*	40
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20
UEERE0019	Maintain safety and tidiness of remote area power supply systems*	20
UEERE0023	Work safely with remote area power supply systems*	20

Group A: Imported and common elective units.		Weighting Points
BSBCUS201	Deliver a service to customers	20
CPCCWHS1001	Prepare to work safely in the construction industry	10
HLTAID001	Provide cardiopulmonary resuscitation	10
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	20
UEECO0002	Maintain documentation	20
UEECO0016	Receive and store materials and equipment for electrotechnology work	20
UEECO0017	Source and purchase material/parts for installation or service jobs	20

Group B: Qualification elective units.   **Weighting Points**

UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEERE0002	Assemble and connect remote area power supplies*	60
UEERE0006	Conduct periodic maintenance of remote area power supply battery banks*	40
UEERE0007	Conduct periodic maintenance of remote area power supply generator sets*	40
UEERE0008	Conduct periodic maintenance of remote area power supply photovoltaic arrays*	40
UEERE0009	Conduct periodic maintenance of remote area power supply wind generators*	40
UEERE0017	Maintain and repair facilities associated with remote area essential service operations*	120
UEERE0018	Maintain and repair remote area power generation facilities*	120
UEERE0020	Promote sustainable energy practices in the community	40
UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises	40

Qualification Mapping Information

This qualification replaces and is equivalent to UEE21411 Certificate II in Remote Area Power Supply Maintenance

Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6