

UEE4 19 06

Certificate IV in Electrical – Renewable Energy

National Qualification Number UEE4 19 06

Scope

This qualification provides competencies to select, install, commission, fault find and maintain electrical and renewable energy equipment in buildings and premises. Stand-alone and remote area renewable energy systems are also included. It includes ERAC requirements for an ‘Electrician’s licence’.

Completion requirements

The requirements for awarding this qualification are that the following are successfully achieved:

All of the Core competency standard units;

The required number of Stream Core competency standard units;

The required number of Elective competency standard units as prescribed in the respective Schedule; and

All the required prerequisite competency standard units have been met as required.

Core Competency Standard Units

All Core competency standard units to be achieved

UEENEEE017A	Implement and monitor OHS policies and procedures
UEENEEE024A	Compile and produce an electrotechnology report
UEENEEE038A	Participate in development and follow a personal competency development plan
UEENEEG005A	Verify compliance and functionality of general electrical installations
UEENEEK015A	Verify compliance and functionality of renewable energy installations
UEENEEK023A	Carry out basic repairs to renewable energy apparatus by replacement of components
UEENEEK025A	Solve basic problems in photovoltaic energy apparatus
UEENEEK026A	Install and set up grid connected photovoltaic power systems
UEENEEK027A	Diagnose faults in RE control systems
UEENEEK028A	Solve problems in stand-alone RE systems
UEENEEK034A	Install stand-alone photovoltaic power systems.
UEENEEK042A	Participate in environmentally sustainable work practices

Stream Core Competency Standard Units

At least 3 of the following competency standard units to be achieved

UEENEEC001A	Maintain documentation
UEENEEC002A	Source and purchase material/parts for installation or service jobs

Stream Core Competency Standard Units

At least 3 of the following competency standard units to be achieved

UEENEEC003A	Provide quotations for installation or service jobs
UEENEEC010A	Deliver a service to customers
UEENEED001A	Use basic computer applications relevant to a workplace
UEENEEE009A	Comply with scheduled and preventative maintenance program processes
UEENEEE020A	Provide basic instruction in the use of electrotechnology apparatus

Elective Competency Standard Units

In accordance with Schedules 3 and 4, which forms an integral part of this qualification, achieve a Unit Strand Total of at least 3, which shall be selected from Schedule 4 or schedule 5 as specified.

Note:

1. Prerequisite 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 prerequisite pathway for the progression to achieve particular competencies or qualification at a higher level.

END OF QUALIFICATION
