



Australian Government

Department of Education, Employment and Workplace Relations

UEE30607 Certificate III in Electrical Machine Repair

Release: 1

UEE30607 Certificate III in Electrical Machine Repair

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to overhaul and repair motor, transformer and control gear including rewinding

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 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 pre-requisite competency standard units have been met as required.

Core Competency Standard Units

All Core competency standard units to be achieved

UEENEEC018B	Participate in electrical machine repair work and competency development activities
UEENEEE001B	Apply OHS practices in the workplace
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components
UEENEEE003B	Solve problems in extra-low voltage single path circuits
UEENEEE004B	Solve problems in multiple path d.c. circuits
UEENEEE005B	Fix and secure equipment
UEENEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEE033B	Document occupational hazards and risks in electrical work
UEENEEG001B	Solve problems in electromagnetic circuits
UEENEEG002B	Solve problems in single and three phase low voltage circuits
UEENEEG050B	Wind coils
UEENEEG051B	Place and connect coils
UEENEEG052B	Rewind single phase induction machines
UEENEEG053B	Rewind three phase induction machines rated for low voltage
UEENEEG057B	Conduct electrical tests on low voltage electrical machines
UEENEEG064B	Repair mechanical components of electrical machines
UEENEPP001B	Disconnect and reconnect fixed wired electrical equipment

Core Competency Standard Units

All Core competency standard units to be achieved
connected to a Low Voltage supply

Stream Core Competency Standard Units

At least 2 of the following competency standard units to be achieved

UEENEEC001B	Maintain documentation
UEENEEC002B	Source and purchase material/parts for installation or service jobs
UEENEEC003B	Provide quotations for installation or service jobs
UEENEEC010B	Deliver a service to customers
UEENEEC001B	Use basic computer applications relevant to a workplace
UEENEEE009B	Comply with scheduled and preventative maintenance program processes
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus
UEENEEK042A	Participate in environmentally sustainable work practices

Elective Competency Standard Units

In accordance with Schedule 3, which forms an integral part of this qualification, achieve a Unit Strand Total of at least 9 as specified.

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
