



Australian Government

Department of Education, Employment and Workplace Relations

UEE30707 Certificate III in Switchgear and Control Gear

Release: 1

UEE30707 Certificate III in Switchgear and Control Gear

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to construction, assembly and wiring of switchboards and control panels.

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

UEENEEA010B	Assemble, mount and connect switchgear and controlgear
UEENEEA012B	Make up and assemble bus bars
UEENEEA013B	Assemble and wire control panels
UEENEEC019B	Participate in switchgear and controlgear work and competency development activities
UEENEEED005B	Enter and verify operating instructions in microprocessor equipped devices
UEENEEED007B	Develop, enter and verify programs for programmable logic controllers using ladder instruction set
UEENEEEE001B	Apply OHS practices in the workplace
UEENEEEE002B	Dismantle, assemble and fabricate electrotechnology components
UEENEEEE003B	Solve problems in extra-low voltage single path circuits
UEENEEEE004B	Solve problems in multiple path d.c. circuits
UEENEEEE005B	Fix and secure equipment
UEENEEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEEE033B	Document occupational hazards and risks in electrical work
UEENEEDF015B	Assemble and connect communication frames and cabinets
UEENEEDG001B	Solve problems in electromagnetic circuits
UEENEEDG002B	Solve problems in single and three phase low voltage circuits

UEENEEG029B	Overhaul and repair switchgear/controlgear
UEENEEG064B	Repair mechanical components of electrical machines
UEENEEP001B	Disconnect and reconnect fixed wired electrical equipment 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 5 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
