



Australian Government

Department of Education, Employment and Workplace Relations

UEE31710 Certificate III in Hazardous areas - Electrician

Release: 1

UEE31710 Certificate III in Hazardous areas - Electrician

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to select, install, commission, fault find and maintain general electrical systems and equipment and install and test explosion-protected systems and equipment with endorsements in the various explosion protection techniques. It includes ERAC requirements for an 'Electrician's licence'.

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

UEENECC028B	Participate in hazardous areas 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
UEENEEE008B	Lay wiring/cablings and terminate accessories for extra-low voltage circuits
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
UEENEEG003B	Install wiring and accessories for low voltage circuits
UEENEEG004B	Install low voltage electrical apparatus and associated equipment
UEENEEG005B	Verify compliance and functionality of general electrical installations
UEENEEG007B	Select and arrange equipment for general electrical installations
UEENEEG008B	Find and repair faults in electrical apparatus and circuits

UEENEEG009B Develop and connect control circuits

UEENEEM080A Report on the integrity of explosion-protected equipment in a hazardous area

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

UEENEED001B 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 Schedules 3 which forms an integral part of this qualification, achieve a Unit Strand Total of at least 5.

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.

3. It is recommended that consideration be given to selecting from the following Units in meeting the elective requirements for this qualification:

UEENEEM076A Use and maintain the integrity of a portable gas detection device

UEENEEM077A Install and maintain the integrity of fixed gas detection equipment

UEENEEM019A Attend to breakdowns in hazardous areas coal mining

UEENEEM020A Attend to breakdowns in hazardous areas gas atmospheres

UEENEEM021A Attend to breakdowns in hazardous areas dust atmospheres

UEENEEM022A Attend to breakdowns in hazardous areas pressurisation

UEENEEM023A Install explosion-protected equipment and wiring systems coal mining

UEENEEM024A Install explosion-protected equipment and wiring systems gas atmospheres

UEENEEM024A Install explosion-protected equipment and wiring systems dust atmospheres

UEENEEM026A Install explosion-protected equipment and wiring systems pressurisation

UEENEEM027A Maintain equipment in hazardous areas coal mining

UEENEEM028A Maintain equipment in hazardous areas gas atmospheres
UEENEEM029A Maintain equipment in hazardous areas dust atmospheres
UEENEEM030A Maintain equipment in hazardous areas pressurisation
UEENEEM038A Conduct testing of hazardous area installations coal mining
UEENEEM039A Conduct testing of hazardous area installations gas atmospheres
UEENEEM040A Conduct testing of hazardous area installations dust atmospheres
UEENEEM041A Conduct testing of hazardous area installations pressurisation
UEENEEM042A Conduct visual inspection of hazardous areas installations

END OF QUALIFICATION
