



Australian Government

Department of Education, Employment and Workplace Relations

UEE31507 Certificate III in Rail - Communications and Networks

Release: 1

UEE31507 Certificate III in Rail - Communications and Networks

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to select, install, commission, fault find and maintain radio and dedicated telecommunications networks in rail equipment.

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

UEENECC027B	Participate in rail communications and networks 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
UEENEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEE037B	Document occupational hazards and risks in electrotechnology
UEENEEH002B	Carry out basic repairs to electronic apparatus by replacement of components
UEENEEH011B	Troubleshoot d.c. power supplies with single phase input
UEENEEH012B	Troubleshoot digital subsystems
UEENEEH013B	Troubleshoot amplifiers
UEENEEH014B	Troubleshoot frequency dependant circuits
UEENEEH015B	Develop software solutions in microcontroller based systems
UEENEEH038B	Find and repair faults in complex power supplies

Core Competency Standard Units

All Core competency standard units to be achieved

UEENEEH039B Troubleshoot basic amplifiers

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

UEENEE001B 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 19 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
