



Australian Government

Assessment Requirements for ICTTEN617 Manage common channel signalling networks

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 7.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- manage at least two common channel signalling networks.

In the course of the above, the candidate must:

- identify and implement repair actions within service assurance guidelines
- analyse and interpret alarms including common channel signalling (CCS) and digital path
- apply enterprise fault management priorities and escalation procedures
- resolve problems in a methodical and logical manner
- conduct required tests and interpret results.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- required legislation, codes, company work practices, regulations and standards, workplace health and safety (WHS) requirements for scoped work
- functions and features of:
 - alarm management systems
 - trouble reports
 - data faults
 - network repair and restoration procedures
 - acceptance tests
 - CCS data and signalling pathways
- system monitoring alerts and alarm set-ups
- principles of the following aspects of CCS:
 - architecture

- protocols
- signalling
- testing
- repair and restoration procedures
- switching network equipment operation
- workplace documentation.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a site with CCS network
- tests and equipment currently used in industry
- required legislation, codes, regulations and standards.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>