



**Australian Government**

**Assessment Requirements for ICTTEN617  
Manage common channel signalling  
networks**

**Release: 1**

# Assessment Requirements for ICTTEN617 Manage common channel signalling networks

## 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>