



Australian Government

Assessment Requirements for ICTTEN410 Locate, diagnose and rectify faults

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 2.0.

Performance Evidence

Evidence of ability to:

- effectively identify different faults
- establish context and background information, and determine and rank likely causes of fault
- obtain suitable tools and equipment and apply simple checks, tests and fault-finding methodology
- apply recommended means to rectify fault
- comply with all related work health and safety (WHS) requirements and work practices
- ensure customer and relevant personnel are informed of progress.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- evaluate various fault-finding techniques for different networking situations
- specify and evaluate test equipment used for fault finding
- specify safety standards required when testing different types of systems
- outline common network faults and their rectification
- explain the value of specific regulatory and other documentation required when testing and reporting on test results.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- an appropriate site
- test and related equipment currently used in industry
- relevant technical specifications and requirements
- regulatory and site-related documentation.

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 guides are found in VETNet -

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