



Australian Government

Assessment Requirements for ICTTEN808 Manage network testing strategies

Release: 1

Assessment Requirements for ICTTEN808 Manage network testing strategies

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- produce steps in developing test strategy
- produce test strategy for evaluating suitability of application software
- design test plan and produce test reviews
- develop a test case or test scenario
- produce a test plan for specific phases
- produce test reporting associated with particular test phases within test plan
- create traceability matrix
- produce an evaluation report from the traceability matrix to manage defects or failures from the test plan.

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:

- explain applications software features and functionalities
- summarise configuration of software testing tools
- outline creation of a traceability matrix
- provide detailed summary of different elements of test plans and risks associated with implementation
- outline features of testing tools and debuggers
- explain identification of types of risks
- consider legislation, codes of practice and other formal agreements that directly impact testing
- explain how to manage software defects
- summarise management of test traceability

- outline phases of test cycles
- outline production of test reviews
- consider specific workplace health and safety (WHS) requirements that impact activity in terms of safety of self and the public
- explain relevant steps in developing test strategy
- outline testing procedures and testing cycles for various system applications.
-

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 should be typical of those experienced in the Telecommunications – Telecommunications Networks Engineering field of work and include access to:

- a site where planning and management of a test regime for evaluation of application software may be conducted
- software tools currently used in industry
- vendor products, specifications, equipment and enterprise policy required for the activity.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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