



Australian Government

Assessment Requirements for ICTTEN504 Acceptance test new systems and equipment

Release: 1

Assessment Requirements for ICTTEN504 Acceptance test new systems and equipment

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:

- inspect new installation and verify compliance against installation plans
- prepare acceptance schedule and test criteria
- undertake relevant acceptance tests and analysis
- comply with specified performance criteria, related work health and safety (WHS) requirements and work practices.

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:

- outline cabling, terminations and supporting structures that may be encountered in the system under inspection
- explain common performance levels and standards
- explain electrical and or optical properties to be measured
- consider WHS issues that impact testing systems and equipment
- evaluate typical network topologies, switching, routing and transmission techniques
- evaluate transmission type and signals that may be encountered
- explore various types of test equipment suitable for testing to be performed.

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 networks engineering field of work and include access to:

- sites where acceptance tests may be conducted
- testing equipment currently used in industry
- relevant regulatory and equipment 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>