



Australian Government

Assessment Requirements for ICTTEN414 Repair telecommunication system 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:

- communicate effectively with customers and other personnel, using appropriate technical and non-technical language to ensure understanding
- diagnose and identify faults methodically, using fault history and recognition of likely causes
- repair telecommunication equipment according to manufacturer's or enterprise procedures, applying related work health and safety (WHS) requirements and work practices
- test equipment following repairs and put back into commission
- communicate with personnel and customers during and upon completion of works.

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:

- describe anti-static procedures required to protect equipment under repair
- outline enterprise policies and procedures
- summarise fault diagnosis techniques
- describe general fault-finding techniques and test equipment
- outline work health and safety (WHS) requirements and work practices
- identify commonly used and emerging products
- explain safety requirements and standards
- summarise telecommunications network and equipment fault types and rectification
- describe telecommunications network and equipment types
- provide a detailed explanation of test equipment.

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 on which diagnosis and repair of communication equipment may be conducted
- test equipment currently used in industry
- manufacturer's technical 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>