



Australian Government

**Assessment Requirements for ICTTEN302
Install telecommunications network
equipment**

Release: 1

Assessment Requirements for ICTTEN302 Install telecommunications network 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:

- plan and install network hardware and cabling according to equipment or system manuals and customer specifications
- configure and test installation
- verify cable continuity
- comply with all related work health and safety (WHS) requirements and work practices
- notify customer of work progress and obtain sign off.

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:

- select appropriate cabling types, connectors and cabling structures
- identify connections to carrier infrastructure or equipment
- recognise electrical and/or optical properties of installation
- describe network and transmission equipment principles
- outline power requirements and electrical safety
- explain typical performance parameters and faults that may be encountered in customer equipment and related connection and transmission media
- describe various test equipment types suitable for tests to be made
- identify handling and environmental compliances for waste disposal.

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:

- sites where installation of telecommunications network equipment may be conducted
- network testing equipment currently used in industry
- relevant regulatory and equipment documentation that impact telecommunications network equipment installation activities.

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.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>