



Australian Government

**Assessment Requirements for ICTTEN428
Prepare design drawings and specification
for telecommunications installations**

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:

- determine installation options
- produce schematics and plan drawings
- access and interpret database and knowledge systems for network information
- produce design drawings and specifications
- verify specifications with client.

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:

- summarise carrier network practices, procedures and systems, including databases and deployment rules relating to telecommunications designs
- identify and apply legislation, codes of practice and other formal agreements (including schedule of rates and contract requirements) that impact work activity
- describe manufacturer's requirements for safe operation of equipment
- identify and document specific work health and safety (WHS) requirements relating to the activity and site conditions
- describe typical issues and challenges that occur on site
- establish and describe the various components of telecommunications plans, drawings and specifications.

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:

- special purpose tools, equipment and materials
- sites where network installation may be conducted
- equipment currently used in industry
- relevant regulations and company policies
- cabling specifications that impact network 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.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>