



**Australian Government**

# **Assessment Requirements for ICTNPL504 Develop planning strategies for building environment design**

**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:

- assess building environment requirements to provide network capability for current and forecast demand including consideration of merging technological development and product implementation
- prepare and present a detailed scoping document with solutions, costing and project scheduling recommendations
- meet forecast network capability needs and regulatory requirements.

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:

- identify and discuss capability and limitations of the various network technologies to meet present and future needs
- describe different costing and funding models
- outline the process to review limits of a building's facilities and services
- identify network equipment requirements and use to derive building's specifications
- identify network building design
- identify and apply relevant regulations and standards
- discuss typical problems and challenges that describe the limitations of the various building projects work
- identify ways to remain abreast of current building requirements to meet future service obligations.

## 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 – Network Planning field of work and include access to:

- computer aided design (CAD)
- computer networks
- data for network planning
- network equipment deployment plans
- planning models
- relevant standards and regulations.

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>