



Australian Government

Assessment Requirements for ICTNPL405 Develop provisioning of telecommunications building works project

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 capacity and suitability of available power and building services for telecommunications building works
- develop a process to implement a power and building services upgrade
- develop short- and long-term works projects for equipment and infrastructure deployments
- produce accurate cost estimates for provisioning.

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 the process to assess capacity and suitability of available power and building services
- outline the following features of a building works project:
 - correlation between building service systems to network equipment requirements
 - different levels of reliability performance standards, applicable to specific equipment deployment needs
 - information required to assess effect on floor loading, power and heat load from equipment deployments
 - main regulatory standards
 - role of power and building services, capacity and standards
- establish the source of budget cost estimates
- define the specific short and long term works programs

- identify typical issues and challenges that occur in telecommunications building service systems and how these may be addressed
- outline the process for power and building services upgrades.

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:

- building facilities where a telecommunications network project may be conducted
- relevant regulatory, organisational procedures
- documentation impacting work.

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>