



**Australian Government**

**Assessment Requirements for ICTPMG502  
Develop customer premises equipment  
installation project plans**

**Release: 1**

---

# Assessment Requirements for ICTPMG502 Develop customer premises equipment installation project plans

## 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 the ability to:

- assess the equipment and performance requirements for a project on customer premises
- prepare detailed system design and configuration to customer requirements
- develop project and quality plans for the installation.

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 the advantages of cabling types, structures and connectors
- describe the common customer telecommunications applications and related equipment
- explain the key advantages of connections to carrier infrastructure or equipment
- identify and summarise the current legislation relating to installation of telecommunications equipment and connection to carrier services
- explain environmental impacts, including options for green information and communications technology (ICT) installations
- identify and determine cost-effective solutions in installations, including the advantages of leasing and purchasing
- describe the attributes of network and transmission equipment
- explain network topologies, interface and interconnect solutions
- explain work health and safety (WHS) requirements for installations in terms of:
  - electrical safety
  - materials handling
  - physical hazards
  - confined spaces

- heights
- lifting
- calculate the power requirements for the installation plan
- describe typical performance parameters and typical faults that may be encountered in customer equipment and related connection and transmission media
- identify warranty information for equipment supplies and contractor work guarantees.

## 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 – project management field of work and include access to:

- a site on which customer premises equipment (CPE) installation can be planned
- relevant documentation, data, technical manuals and other site related 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>