



Australian Government

Assessment Requirements for ICTCBL311 Install systems and equipment on customer premises

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 the ability to:

- read and interpret:
 - related floor plans
 - building plans
 - reflected ceiling plans
 - schematic drawings
- install customer premises equipment
- configure and test systems and equipment
- apply relevant regulations and standards
- comply with all related health and safety requirements and work practices.

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 select cabling types, connectors and cabling structures
- describe the connections to carrier infrastructure or equipment, such as main distribution frame (MDF) or asymmetric digital subscriber line (ADSL), multiplexer (MUX), integrated services digital network (ISDN), network termination device (NTD) or other carrier interface unit
- recognise electrical and/or optical properties to be measured
- explain the health and safety considerations for the works including:
 - electrical safety
 - lifting hazards
 - manufacturer's requirements for safe operation of equipment

- describe the equipment to be installed on the customer's premises
- identify and select the test methods and performance requirements for the installation
- identify typical issues and challenges that occur on the worksite.

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 – cabling field of work and include access to:

- a site where installation of electronic equipment and customer cabling may be conducted
- plant, tools and equipment currently used in industry
- relevant regulatory and equipment documentation that impacts on work 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>