



Australian Government

Assessment Requirements for ICTCBL314 Install network cable equipment

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:

- prepare for installation of network cable equipment
- provide cable infrastructure
- install cable equipment support structure for power, alarms and interrogation requirements
- install equipment, test and interpret test results
- label equipment correctly
- safely use any specialised hand or power tools and equipment
- apply regulations and standards related to the installation
- 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
- identify connections to carrier infrastructure or equipment, such as main distribution frame (MDF) or customer interface units (CIU)
- describe the network cable installation requirements for the client's equipment
- define the electrical and/or optical properties to be measured
- identify the health and safety considerations including:
 - electrical safety
 - lifting hazards
 - manufacturer's requirements for safe operation of equipment
- describe the test methods and performance requirements to be used
- identify the typical issues and challenges that occur on the worksite

- describe the purpose of warranties and service level agreements.

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 network cable equipment 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>