



**Australian Government**

# **Assessment Requirements for ICTCBL315 Maintain cable network**

**Release: 1**

# Assessment Requirements for ICTCBL315 Maintain cable network

## Modification History

Version	Comments
Version 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

## Performance Evidence

Evidence of the ability to:

- maintain cables, cable supports and enclosures
- test cables and equipment and interpret results
- undertake remedial action on damages
- safely use specialised hand or power tools and equipment
- apply regulations and standards related to the maintenance
- 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:

- recognise 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 maintenance requirements of the equipment at the client's premises
- identify the electrical and optical properties to be measured
- specify the health and safety considerations including:
  - electrical safety and lifting hazards
  - manufacturer's requirements for safe operation of equipment
- identify and select the test methods and performance requirements for the maintenance work
- identify the typical issues and challenges that occur on the worksite
- describe the purpose of warranties and service level agreements in relation to maintenance work.

## 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:

- sites where maintenance of network cable may be conducted
- equipment currently used in industry
- relevant regulatory and equipment documentation that impacts on maintenance 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.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>