



Australian Government

Assessment Requirements for ICTCBL401 Prepare design drawings and specification for a cable installation

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:

- determine installation requirements and options
- produce schematic and floor plan drawings based on design parameters
- produce specifications based on design drawings
- verify design drawings and specifications with client
- produce a costing of the design and specifications.

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 apply the Australian Communications and Media Authority (ACMA) regulation requirements for Telecommunications Cabling Provider Rules in the design
- recognise and apply legislation, codes of practice and other formal resources that impact on the design
- recognise and apply industry recognised drafting principles and standards
- identify key features and operating requirements of resources and equipment required for the client cable installation
- identify and include the manufacturer's performance specifications for equipment and consumables in the design
- assess health and safety requirements relating to the design.

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 cable installation may be conducted
- equipment currently used in industry
- relevant regulations, company policies and cabling specifications that impact on cable installation 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>