



Australian Government

Assessment Requirements for ICTCBL252 Joint and terminate coaxial cable

Release: 1

Assessment Requirements for ICTCBL252 Joint and terminate coaxial cable

Modification History

Release	Comments
Release 1	This version released with ICT Information and Communications Technology Training Package Version 5.0.

Performance Evidence

The candidate must demonstrate the ability to perform the tasks outlined in the elements, performance criteria, and foundation skills, and to:

- determine installation requirements, and check and prepare the site ready for coaxial cable installation
- perform an in-line splice
- perform jointing and termination of coaxial cable using specialised hand or power tools and equipment
- complete waterproof jointed cable using heat shrinkage
- apply related work health and safety (WHS) requirements and work practices
- conduct signal strength tests and interpret results
- fit jointed coaxial cable in suitable housing
- check and adjust cable segregations
- verify the installation complies with enterprise and manufacturer specifications and warranties
- document work according to enterprise requirements.

Note: Evidence must be provided at least once when a specific volume or frequency is not stated.

Knowledge Evidence

The candidate must demonstrate the knowledge required to perform the tasks outlined in the elements, performance criteria, and foundation skills, which includes knowledge about:

- relevant legislation, regulations, codes, standards, enterprise guidelines, formal agreements and contracts that impact on the work activity
- specific WHS requirements and environmental procedures relating to the activity and site conditions, including site security and typical safety issues and challenges that occur on site

- range of coaxial cables and connectors and their application
- information required to operate equipment according to a test specification
- features and operating requirements of test equipment
- manufacturer requirements for selection, installation and safe operation of equipment
- test methods and performance requirements
- impact that other services may have on installation work
- operation of tools relevant to working with coaxial cable
- environmental requirements for waste and debris disposal.

Assessment Conditions

Skills must be assessed in a workplace or simulated environment where conditions are typical of those in a telecommunications work environment or workplace.

Access is required to:

- site/s where jointing coaxial broadband cable can be conducted
- special purpose tools, equipment and materials currently used in industry such as joint testing equipment
- relevant regulatory and equipment documentation that impacts on cable jointing and testing 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 available from VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>