



Australian Government

Assessment Requirements for ICTCBL251 Install aerial and underground cable lead-ins

Release: 1

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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:

- plan the works and prepare the site
- install at least two types of aerial cable and one type of underground cable, including placing and securing cables on support structures and building faces for both internal and external locations
- install at least one mid-span fly offs utilising industry specific/approved hardware
- haul, secure and terminate, continuity test and seal cables
- perform visual inspection to identify safe support structures from pole status markings
- use specialised hand or power tools and equipment for safely installing aerial and underground cable
- terminate cables at the customer and network ends of aerial and underground installations
- complete and provide a report, documenting the installation for the customer
- comply with all related work health and safety (WHS) requirements, industry standards, authorisations and work practices.

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:

- legislation, codes, enterprise procedures and other formal agreements that impact on the work activity
- codes, standards, industry guidelines and authorisations for cable installation and cabling
- specific WHS requirements and environmental procedures relating to the activity and site conditions

- relevant regulatory requirements for working at heights and working underground
- common types of cable used in telecommunications
- manufacturer requirements for selection and safe operation of tools and equipment
- safety equipment, both personal and worksite related, required for safe work practices
- required fixing devices and hardware used in cable lead-in work
- termination methods and performance requirements that include cable continuity of installed cables
- typical safety issues and challenges that occur on site, including issues relating to the safe use of support structures
- purpose of records and documentation required for work activity.
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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 aerial and underground cable lead-ins can be conducted
- plant, tools, equipment and personal protective equipment currently used in industry
- special purpose tools, equipment and materials currently used in industry such as continuity testing equipment
- 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 available from VETNet -

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