



**Australian Government**

**Assessment Requirements for ICTCBL253  
Construct underground  
telecommunications infrastructure**

**Release: 1**

# Assessment Requirements for ICTCBL253 Construct underground telecommunications infrastructure

## 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:

- interpret and apply design plans and prepare for construction
- install enclosures including pipe, pit and prefabricated manholes
- construct in two different soil types: sand, rock, soil or combination soil types
- shore an excavation site to meet enterprise and regulatory requirements
- use specialised hand or power tools and equipment normally used for excavation, pipe, conduit installation and site restoration safely
- complete and document specified work
- apply related work health and safety (WHS) requirements and work practices associated with excavation, enclosure installation and site restoration.

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 guidelines and other formal agreements that impact on the work activity, including excavation
- specific WHS requirements and environmental guidelines relating to the activity and site conditions, including typical safety issues and challenges that occur on site
- civil construction elements including:
  - operation of construction plant, tools and equipment
  - methods of enclosure construction
  - methods for laying foundations
  - construction design plans

- manufacturer requirements for safe operation of equipment
- relevant licence requirements for equipment used in constructing underground infrastructure.

## **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 enclosure construction can be conducted
- construction equipment currently used in industry
- relevant regulatory and equipment documentation that impacts on construction.

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>