



Australian Government

**Assessment Requirements for ICTTEN318
Inspect, clean and handle optical fibre cable
and connectors**

Release: 1

Assessment Requirements for ICTTEN318 Inspect, clean and handle optical fibre cable and connectors

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, discuss and confirm required work
- obtain and check documentation, equipment and hardware for required work
- inspect fibre connectors using inspection scopes
- clean connectors using approved methods
- handle optical fibre cable and connectors to prevent damage
- complete patching according to patching schedule and under the direction of the relevant authority
- follow work health and safety (WHS) requirements and anti-static precautions
- follow required practices or contingency plan if hardware replacement is unsuccessful
- restore site to required condition
- liaise with appropriate personnel for information and reporting purposes.

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 and contracts that impact on the work activity, in particular:
 - relevant safety legislation and company work practices, hazards identification, laser safety, dangerous materials handling and personal protective equipment and safety requirements for working with optical fibre cable
 - International Electrotechnical Commission (IEC) Standards acceptance criteria

- environmental requirements
- signal transmission in optical fibres and the impact of various contaminants on fibre connections
- relevant designs, plans and labelling conventions
- relevant equipment used for inspecting and cleaning cables and connectors
- process of inspecting and cleaning cable, connectors and equipment
- escalation processes for damaged hardware.

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 suitable for inspecting and cleaning optical fibre connectors
- a range of hardware currently used in industry
- a range of general and test equipment required for testing telecommunications network hardware.

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>