



Australian Government

Assessment Requirements for ICTOPN601 Manage optical ethernet transmission

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 ability to:

- identify test performance parameters
- plan the test from performance requirements
- select and perform a testing regime on ethernet optical transmissions
- analyse and document test results
- comply with all work health and safety (WHS) requirements and work practices.

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:

- describe intricacies of optical ethernet systems including:
 - application in optical systems
 - system architecture
 - function and framework within a telecommunications environment
 - organisational policies and procedures
 - appropriate testing techniques and analysis
- explain specific work health and safety (WHS) requirements relating to:
 - handling of optical fibre
 - personal safety issues
 - use of laser light sources.

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 – Optical Networks field of work and include access to:

- test equipment currently used in industry
- manufacturer's technical documentation, legislation, codes and standards.

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>