



Australian Government

Assessment Requirements for ICTOPN503 Plan for an optical system upgrade and cut over

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:

- prepare upgrade plan incorporating the following:
 - a detailed installation plan and installation procedures
 - pre-installation and post-installation test methods and results
 - a monitoring schedule to assess progress of the upgrade
 - a contingency plan.

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:

- explain alarms and backup systems that apply to optical networks
- describe escalation and outage procedures
- explain network management systems
- outline fundamentals of telecommunications networks and equipment
- summarise telecommunications monitoring tools
- outline telecommunications test equipment and test setups
- evaluate telecommunications wiring practices
- explain upgrade and post-upgrade routines.

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:

- a site where upgrade and cut over may be planned
- equipment, software, test and monitoring equipment currently used in industry
- relevant regulatory, equipment, enterprise and vendor documentation that impacts 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 found in VETNet -

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