



Australian Government

Assessment Requirements for ICTOPN509 Plan for optical system upgrades

Release: 1

Assessment Requirements for ICTOPN509 Plan for optical system upgrades

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 7.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- plan for at least two optical system upgrades.

In the course of the above, the candidate must:

- create a detailed installation plan and procedure
- incorporate pre-installation and post-installation test methods and document corresponding results
- assess upgrade progress in accordance with monitoring schedule
- prepare a contingency plan.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- legislation, codes, regulations and standards, work health and safety (WHS) requirements for scoped work
- functions and features of:
 - alarms and backup systems that apply to optical networks
 - escalation and outage procedures
 - network management systems
 - design specifications and design plans
- fundamentals of networks and networking equipment
- networking monitoring tools
- networking test equipment and test setups
- networking wiring practices
- upgrade and post-upgrade routines.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a site where upgrade and cutover can be planned
- equipment, software, test and monitoring equipment used in industry
- required regulatory, equipment, enterprise and vendor documentation that impacts work activities.

Assessors of this unit must satisfy the requirements for assessors in required vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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