



Australian Government

Assessment Requirements for ICTNPL403 Evaluate the capability of access networks

Release: 1

Assessment Requirements for ICTNPL403 Evaluate the capability of access networks

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:

- evaluate capability and limitations of the various access network technologies for present and future needs
- determine and source equipment that will be used across the spectrum of access network technologies
- outline product offerings allowable across all competing access network technologies.

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:

- identify access networks from information sources
- explain access networks in terms of:
 - common attributes and features
 - typical access network technologies and topologies
- explain how to assess capability and limitations of a network including:
 - its contribution to the boarder network; and,
 - its capacity to deliver customer products and services
- outline typical problems and challenges that arise from working with access network technologies
- explain the basis on which various network technologies are selected.

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 – Network Planning field of work and include access to:

- network design documentation and other site related documentation
- equipment specifications
- live network or training facilities
- organisational guidelines
- networked computers
- networked telecommunications components.

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>