



Australian Government

Assessment Requirements for ICTTEN520 Commission network equipment

Release: 1

Assessment Requirements for ICTTEN520 Commission network equipment

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:

- commission at least three different types of network equipment.

In the course of the above, the candidate must:

- interact with enterprise personnel, customers and other contractors, keeping a customer focus and consideration of customer needs
- produce at least one outage management plan and at least one contingency plan
- negotiate network activity and timing of commissioning
- commission networking equipment according to specifications
- implement test plan, interpret and analyse results against expected outcomes
- test system monitoring alerts and alarms
- analyse faults, problems and anomalies and provide solutions
- comply with all required workplace health and safety (WHS) requirements and work practices.

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:

- required legislation, codes, company work practices, regulations and standards, WHS requirements for scoped work
- functions and features of:
 - preliminary commissioning plans
 - outage management plans
 - contingency plans
- electrical and optical properties

- operating functions and features of networking equipment
- functions and features of power requirements and electrical safety
- transmission types and signals that are encountered in networks
- tests and test equipment required for commissioning.

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:

- sites on which installation and commissioning procedures can be conducted
- required regulatory and equipment documentation impacting commissioning
- testing equipment currently used in industry.

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 Guide is found on VETNet -

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