Assessment Requirements for ICTTEN409 Commission an electronic system

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:

- effectively negotiate arrangements for commissioning
- accurately configure electronic equipment and system parameters
- commission electronic system according to specifications and following work health and safety (WHS) requirements
- deal with faults and problems and provide solutions
- identify potential security threats and vulnerability.

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 acceptance testing
- formulate a commissioning procedure and commissioning tests for an electronic system
- identify electrical and optical properties to be measured
- evaluate an extensive range of networking equipment
- outline legislation and licensing associated with installation of telecommunications equipment
- outline network operation procedures
- explain power requirements and electrical safety
- explain setup and operation of test equipment applicable to a wide range of measurements
- outline transmission type and signals that may be encountered.

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 should be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- sites on which installation and commissioning procedures may be conducted
- relevant regulatory and equipment documentation
- 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 guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2