



Australian Government

Assessment Requirements for ICTDRE302 Locate and rectify digital reception equipment faults

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:

- determine parameters for addressing digital reception faults for a customer and keep customer informed on progress
- apply a methodical approach to fault identification
- use test equipment to identify faults
- interpret test results
- install temporary equipment while repairs are affected
- repair faults, repair cable terminations or replace faulty cable equipment and test to verify correct function
- complete documentation in accordance with enterprise requirements and present to customer for approvals.

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:

- discuss broad knowledge of whole industry product range
- outline customer service principles, particularly dealing with customers face to face
- explain enterprise methods for test analysis and diagnosis
- discuss enterprise or service specific knowledge of products and services supplied
- review work health and safety (WHS) general principles and enterprise specific job safety analysis (JSA) requirements
- give an overview knowledge of:
 - objectives and methods of training for product use for customer education
 - radio frequency (RF) theory, principles and safety
 - telephony principles to support return path awareness

- identify pre-installation enterprise-specific requirements
- state quality assurance of enterprise requirements
- explain return path technology
- list signal measurement and other enterprise-specific tools
- discuss understanding of contemporary equipment and connection methods.

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 – Digital Reception Technology industry and include access to:

- site for digital reception equipment installation
- digital reception equipment currently used in industry
- test equipment required for digital reception equipment installation and testing.

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>