



Australian Government

Assessment Requirements for ICTSUS401 Install and test renewable energy system for ICT networks

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 the ability to:

- determine and meet client requirements for installation of a renewable energy system
- plan and connect hardware components according to vendor and technical specifications
- follow all work health and safety (WHS) requirements.

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:

- describe systems diagnostic features
- explain business processes
- identify client business domain, business function and organisation
- outline compatibility issues and resolution procedures
- discuss the configuration of internet protocol (IP) networks
- identify current industry accepted hardware products and renewable energy system products
- outline the essential components of client and business liaison
- explain how to document technical specifications
- describe the linkage between processes
- describe vendor specifications and requirements for component installation
- discuss the following technologies:
 - alternate energy, such as solar, wind and chemical
 - areas of the hardware relevant to configuration and testing
 - installation procedures
 - renewable energy system relevant to configuration and testing
 - renewable energy system functionality
 - set up and configuration procedures.

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 – sustainability field of work and include access to:

- a site on which renewable energy solutions can be implemented
- renewable energy systems currently used in industry
- relevant documentation, feasibility studies, equipment manuals and other site related documentation.

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

Links

Companion volumes are available from the IBSA website: -

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