



Australian Government

Assessment Requirements for ICTSUS603 Integrate sustainability in ICT planning and design projects

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 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:

- integrate sustainability into at least two information and communications technology (ICT) planning and design projects.

In the course of the above, the candidate must:

- devise strategies to conserve resources
- analyse energy audit data on enterprise resource consumption
- develop and monitor policies for review and improvements, benchmarking against industry best practice and attempting new approaches.

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, work health and safety (WHS) requirements for scoped work
- advantages and disadvantages of integrating sustainability into ICT planning and design projects
- methods to explain and calculate carbon dioxide emissions
- ICT power consumption calculations
- policy development processes and practices
- power consumption audit methodology
- features of key performance indicators (KPI) used to measure sustainability in ICT planning and design projects, including:
 - financial considerations
 - cost-benefit analyses

- principles, practices, available tools and techniques for sustainability management required in the ICT networking industry
- organisational quality assurance systems for environmental sustainability
- systems and procedures to facilitate workplace sustainability.

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:

- websites on which planning, design and integration of sustainability may be carried out
- required legislation, standards, guidelines, reports and equipment specifications and drawings
- a range of workplace documentation, personnel, information and resources, including:
 - compliance obligations
 - organisational plans.

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>