



**Australian Government**

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

**Release: 1**

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

## 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>