Assessment Requirements for ICTSUS802 Conduct a business case study for integrating 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 1.0.

Performance Evidence

Evidence of the ability to:

- establish an effective business case to introduce or improve sustainability in an information and communications technology (ICT) project
- produce an accurate cost–benefit analysis showing overall benefit of integrating sustainability into an ICT project
- devise, implement and review management strategies showing a measurable improvement using the chosen benchmark indicators.

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:

- compare best practice approaches relevant to sustainability
- research and contrast energy consumption and energy audit methodologies
- research and critically evaluate environmental and sustainability legislation, regulations and codes of practice applicable to the industry and the organisation
- evaluate the environmental impacts of products, processes, systems and services
- interpret global and national initiatives, legislation, policies and guidelines relevant to project
- research and critique the principles, practices and available tools and techniques of sustainability management relevant to the ICT industry
- explain quality assurance systems relevant to own organisation
- formulate the relevant organisational policies, procedures and protocols required to assist in achieving workplace sustainability

- research and apply sustainability assessment tools and key performance indicators and benchmarks
- describe sustainable management principles and strategies
- critique the various software tools for ICT power consumption and CO_2 emissions calculations.

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 sustainability field of work and include access to:

- a range of workplace documentation
- personnel associated with a relevant business
- legislation, specifications and guidelines
- a site on which preparation of a business case may be carried out.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e 9d6aff2