



Australian Government

**Assessment Requirements for
CPPACC5006 Apply ergonomic principles
to accessible building design and fitout**

Release: 1

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Modification History

Release 1 This unit first released with CPP Property Services Training Package Release 14.0.

Supersedes and is equivalent to CPPACC5006A Apply ergonomic principles to accessible building design and fitout.

Unit updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by applying ergonomic principles to accessible building design and fitout to meet the needs of two different people with disability.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- anthropometric and ergonomic principles
- Commonwealth, state and territory legislation, regulations, codes and standards relevant to access consulting activities:
 - anti-discrimination and disability discrimination
 - building control including local government regulations and by-laws
 - Disability (Access to Premises – Buildings) Standards 2010 under the Disability Discrimination Act 1992 (or their successors) – known as the Access to Premises Standards
 - National Construction Code (NCC) building classifications and access requirements
 - National Disability Insurance Scheme (NDIS) Specialist Disability Accommodation Design Standard (or its successor)
 - Livable Housing Australia Livable Housing Design Guidelines (or its successor)
 - principles of universal design
 - privacy and confidentiality
- human anatomy and anatomical terminology relevant to ergonomic analysis
- interpersonal communication strategies used to effectively relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and cognitive abilities
- principles of task sequencing for energy conservation
- sources of published architectural design documents that contain ergonomic data
- statistical parameters of a normally distributed population

- techniques for basic statistical analysis of ergonomic data and determining the normality of population variance
- techniques and methodologies for measuring anatomical features and the range of human movement, reach range and strength
- types of disability and limitations that each disability places on an individual's ability to access the environment
- workplace requirements for applying ergonomic principles to accessible building design and fitout:
 - documentation and records administration
 - quality
 - recording and analysing ergonomic data
 - work role boundaries - responsibilities, limitations and professional abilities.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to documentation, information and technologies required to achieve the performance criteria and performance evidence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>