



Australian Government

CPPACC5011 Prepare concept designs for accessible building work

Release: 1

CPPACC5011 Prepare concept designs for accessible building work

Modification History

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

Supersedes and is equivalent to CPPACC5011A Prepare a concept design for accessible building work. Minor change to unit title.

Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to consult with clients to prepare concept designs that ensure that building work provides adequate access for people with disability in compliance with the requirements of relevant legislation, codes and standards. Designs must be appropriate for the nature of the project and clearly illustrate client requests such as construction methodologies and space allocations.

This unit is for individuals who are self-directed and have substantial depth of knowledge and skills to make independent judgements in the provision of access consulting services.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Access Consulting.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Assess client requirements.

1.1 Use effective interpersonal skills and communication techniques to elicit and confirm client aspirations for development project according to workplace requirements.

1.2 Evaluate and document design consequences of client

- aspirations according to workplace requirements.
- 1.3 Determine impact of class of development according to National Construction Code (NCC) and regulatory requirements.
 - 1.4 Determine regulatory requirements for access according to class of development.
- 2 Assess access limitations imposed by the development.
 - 2.1 Identify and document topographical limitations to accessible design.
 - 2.2 Identify and document limitations to accessible design caused by existing conditions.
- 3 Create design concept.
 - 3.1 Prepare initial concept design drawings portraying design features that reflect client aspirations and required access provisions.
 - 3.2 Conduct calculations and measurements to ensure concept design includes required provisions for access according to regulatory requirements.
 - 3.3 Review concept design in consultation with relevant persons and incorporate feedback according to workplace requirements.
- 4 Discuss and review concept design with client.
 - 4.1 Present design drawings to client and explain rationale for design features in relation to client aspirations and access requirements.
 - 4.2 Review and modify concept design to incorporate agreed ideas in consultation with client.
 - 4.3 Review concept design to confirm required disability access is provided according to client and regulatory requirements.
- 5 Finalise concept design drawings.
 - 5.1 Prepare final agreed concept design drawings according to contractual and workplace requirements.
 - 5.2 Forward concept design drawings and associated

documentation to client according to contractual and workplace requirements.

- 5.3 Maintain copies of concept design drawings and associated documentation for future reference according to regulatory and workplace requirements.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPPACC5011A Prepare a concept design for accessible building work.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CPPACC5011 Prepare concept designs for accessible building work

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by preparing concept designs for accessible building work to meet the needs of two different clients.

Knowledge Evidence

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

- anthropometric and ergonomic principles of accessible building design and fitout
- basic principles of design relating to accessible buildings and fitouts
- 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
- functional systems of the human body
- 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
- limitations to accessible design that can be caused by topography and existing conditions
- measurements and calculations used to determine provisions for access

- techniques for developing concept designs that respond creatively to client needs and which are:
 - inclusive - capable of addressing the multiple issues of the design project
 - visually descriptive - powerful enough to guide the development of full design documentation
 - adaptable - flexible enough to accept change
 - sustainable - able to endure manipulations and transformations during the design process without a loss of identity
- types of design features that may be included in concept drawings:
 - horizontal and vertical functional zoning
 - zoning of degrees of privacy
 - horizontal and vertical circulation
 - site conditions and context
 - spatial hierarchy and relationships
 - geometric properties
 - natural and artificial lighting conditions
 - structure and enclosure
- types of disability and limitations that each disability places on an individual's ability to access the environment
- workplace requirements for preparing concept designs for accessible building work:
 - client service
 - documentation and records administration
 - quality
 - 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

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