



Australian Government

CPPACC5009 Evaluate and select construction materials for accessible buildings

Release: 1

CPPACC5009 Evaluate and select construction materials for accessible buildings

Modification History

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

Supersedes and is equivalent to CPPACC5009A Evaluate materials for the construction of buildings for access. Minor change to unit title to clarify outcome.

Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to evaluate and select construction materials for buildings in accordance with specific requirements for access. It includes evaluating the performance of a range of building materials and selecting suitable materials based on structure, fire resistance, cost and application.

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.

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| 1 Evaluate performance of building materials. | 1.1 Interpret relevant documentation to evaluate properties of materials based on performance. |
| | 1.2 Identify quality standards and material performance requirements for access compliance. |

- 1.3 Review product data sheets to evaluate and record methods of testing materials.
 - 1.4 Identify and record visual characteristics of materials.
 - 1.5 Evaluate and document compatibility and performance of building materials for access compliance.
- 2 Select suitable materials for building.
 - 2.1 Interpret plans, working drawings and specifications for building project to determine specific access requirements.
 - 2.2 Identify and select samples of commonly used construction materials to investigate suitability according to their purpose and access requirements.
 - 2.3 Select materials identified as structurally adequate, having the required fire resistance, and suitable for given applications according to specific access requirements.
 - 2.4 Conduct required calculations to select materials considered cost effective according to client and workplace requirements.
 - 2.5 Finalise material selection to meet access, 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 CPPACC5009A Evaluate materials for the construction of buildings for access.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPACC5009 Evaluate and select construction materials for accessible buildings

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by evaluating and selecting construction materials for two different accessible building projects.

Knowledge Evidence

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

- 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
- grading processes and grade markings used to categorise timber and timber products
- 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
- nature of building materials, performance requirements relevant to accessible buildings, and methods for their evaluation based on:
 - performance

- visual characteristics
- structural adequacy
- fire resistance
- cost effectiveness
- processes for interpreting construction plans, drawings and specifications when evaluating and selecting construction materials for accessible buildings
- types of disability and limitations that each disability places on an individual's ability to access the environment
- workplace requirements for evaluating and selecting construction materials for accessible buildings:
 - 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, technologies, building materials and associated information required to achieve the performance criteria and performance evidence.

Links

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