



Australian Government

**Assessment Requirements for
CPCCBS6002 Research and evaluate
construction methods and materials for
commercial buildings to three storeys**

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Modification History

Release	Comments
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| 1.1 | Replaces superseded equivalent CPCCBS6002 Research and evaluate construction methods and materials for commercial buildings to three storeys.

This version first released with CPC Construction, Plumbing and Services Training Package Version 1.1. |
| 1 | New unit of competency.

This version first released with CPC Construction, Plumbing and Services Training Package Version 1. |

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. The person must develop and maintain current research findings to support building surveying services for three different projects, each involving a different class of commercial building (classes 2 to 9 as defined in the Building Code of Australia [BCA]), where:

- one project must incorporate classes 2, 5, 6 and 7a
- one project must incorporate classes 3 or 9c
- one project must incorporate classes 7b and 8.

In doing the above, the person must produce a research report containing research findings, recommendations and supporting evidence for each of the above building projects, based on an evaluation of:

- characteristics and applications of a range of materials suitable for the structural elements and building envelope, including the fire resistance of materials appropriate to the class of building
- different construction methods and systems applicable to structural elements and building envelope
- components and systems for services that consider:
 - relevant compliance requirements
 - installation methods.

The person must also be able to demonstrate a process for:

- seeking feedback on and distributing findings from each of the three research reports
- maintaining the currency of research findings in each report.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- characteristics, including fire resistance and applications of materials suitable for structural elements and building envelope
- compliance requirements relating to construction materials and methods for buildings included in classes 2 to 9 of the BCA, including:
 - Australian standards
 - National Construction Code (NCC) requirements
- construction methods and systems applicable to:
 - site preparation
 - structural elements
 - building envelope
- components and systems for services, including:
 - compliance requirements
 - installation methods
- sources of reliable information on traditional, new and emerging uses of construction materials and methods
- structural engineering principles sufficient to interpret and apply the requirements of the BCA.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - computer with internet access and business software currently in use in building surveying practices
- materials:
 - documentation for the three projects specified in the performance evidence
- specifications:
 - access to relevant and current building control legislation, regulations, codes and standards and state, territory or local authority planning policies.

Assessor requirements

Assessors must satisfy the assessor requirements in the *Standards for Registered Training Organisations* (RTOs) current at the time of assessment.

In addition, assessors must also demonstrate current membership of a relevant industry association and have current registration on the National Building Professionals Register in the Building Industry Control category (level 1) or be accredited under the Australian Institute of Building Surveyors (AIBS) National Accreditation Scheme at Building Surveyor level.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>