



Australian Government

**Assessment Requirements for
CPCCBS6116 Assess and advise on
performance solutions for Class 2 to 9
buildings to three storeys**

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.0.
- Supersedes and is not equivalent to CPCCBS6016 Assess and advise on performance-based solutions for buildings up to three storeys.
- New prerequisite requirement.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by assessing, advising on, and certifying as compliant a total of three performance solutions for projects that include the following Classes of buildings as defined by the National Construction Code (NCC):

- one project incorporating Class 5 or Class 6
- one project incorporating Class 2 or Class 3 or Class 9c
- one project incorporating Class 7 or Class 8.

Each building must be up to three storeys and not exceeding 2,000 square metres in floor area, and in a different geographical location as defined by the NCC.

Of the three performance solutions:

- one must be a performance solution for fire safety
- two must be performance solutions for structural safety, health, amenity and sustainability.

Knowledge Evidence

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

- design principles that are applied when analysing the compliance of performance solutions for structural safety, health, amenity and sustainability:
 - access and egress, including access for people with a disability
 - damp and weatherproofing
 - energy efficiency
 - light and ventilation
 - room heights

- sanitary and other facilities
- services and equipment
- sound transmission and insulation
- structural safety
- NCC classifications and definitions for buildings included in Classes 2 to 9:
 - building types
 - geographic and climate zones
- NCC requirements for assessing performance solutions relevant to buildings included in Classes 2 to 9
- principles of fire safety engineering relevant to buildings included in Classes 2 to 9:
 - characteristics of building materials in relation to fire
 - fire-modelling
 - fire science:
 - fire behaviour and dynamics
 - impact of fire on structures and materials
 - products of combustion
 - fire control strategies
 - fire retardants
 - fire detection technologies
 - fire suppression technologies
 - fire containment
 - human response to fire
 - interconnection of fire systems, including cause and effect matrix
 - interaction with other services
- project management strategies that ensure thorough and timely advice is delivered according to service level agreement
- regulatory intent of performance solutions
- scope and limitations of building surveyor role in relation to advising on or certifying performance solutions
- workplace requirements for assessing and advising on performance solutions for buildings included in Classes 2 to 9:
 - client service
 - documentation and reporting.

Assessment Conditions

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

Assessors must also:

- be licensed as a Building Surveyor Level 1 (or equivalent) or Level 2 (or equivalent) in their state or territory, or

- 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 or be accredited by the Royal Institute of Chartered Surveyors as a building certifier.

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 equipment, software, drawings, documentation and materials required to achieve the performance evidence.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>