



Australian Government

**Assessment Requirements for
CPCCB4001 Apply building codes and
standards to the construction process for
Class 1 and 10 buildings**

Assessment Requirements for CPCCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 buildings

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.
- Typographical error corrected in the Knowledge Evidence. Word ‘detects’ corrected to read ‘defects’.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is not equivalent to CPCCBC4001A Apply building codes and standards to the construction process for low rise building projects.
- CPCCBC4001A Apply building codes and standards to the construction process for low rise buildings has been split into two units, one for residential low-rise buildings and one for commercial low-rise buildings.
- Attainment of both CPCCBC4001 and CPCCBC4053 is equivalent to CPCCBC4001A.
- 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 codes and standards to the construction process of one Class 1 or 10 building project, to a maximum of two storeys.

In doing this, the candidate must:

- determine type of construction and use of building from construction plans and specifications and class of building using National Construction Code (NCC) classifications
- identify current building and construction codes and Australian Standards relevant to the building project
- apply NCC Performance Requirements in relation to the design and construction of the building:
 - energy efficiency
 - damp and weatherproofing

- fire safety
- health and amenity
- structure
- safe movement and access
- ancillary provisions
- apply Performance Solutions to ensure that construction complies with NCC Performance Requirements
- identify faults and problems and propose actions to rectify
- inspect a building to determine fire protection compliance with NCC and other legislative requirements.

Knowledge Evidence

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

- government building legislation, codes and standards:
 - the NCC:
 - Performance Requirements and General Requirements
 - Performance Solutions and Assessment Methods
 - Performance Hierarchy
 - evidence of suitability for building materials and products
 - classes of building and types of construction
- organisational policies and procedures, quality systems and best practice approaches
- workplace safety requirements
- properties, characteristics and limitations of specified building materials and components
- processes, procedures and techniques of construction
- basic building design principles and the behaviour of structures under stress, strain, compression, bending or combined actions
- causes and implications of building defects related to failure of applying building codes and standards to residential and commercial buildings
- extent of remedial work required for various defects caused by inadequate design and application of building codes and practices
- environmental requirements and sustainability principles and concepts
- project plans, specifications, working drawings and structural details
- construction terminology.

Assessment Conditions

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

Assessment can be undertaken in the workplace or in a simulated workplace environment.

A simulated environment is one that realistically replicates workplace conditions, materials and equipment, interactions with others and workplace irregularities, and which meets industry standards for safety and environmental practices.

Candidates must have access to:

- relevant government building and construction regulations
- current building and construction codes and standards
- NCC Volume 2
- construction drawings, site plans and specifications
- organisational policies and procedures and other quality documentation to undertake the performance criteria and assessment requirements
- digital technology devices, applications and software to source and document information.

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>