



Australian Government

CPCCBS6104 Assess and advise on compliance of design documentation for Class 1 and 10 buildings to three storey

Release: 1

CPCCBS6104 Assess and advise on compliance of design documentation for Class 1 and 10 buildings to three storey

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 CPCCBS6004 Assess and advise on compliance of design documentation for residential buildings to three storeys.
- New prerequisite requirement.

Application

This unit of competency specifies the skills and knowledge required to assess proposed design documentation during the design process for buildings included in National Construction Code (NCC) definitions for Class 1 and 10 up to three storeys and not exceeding 2,000 square metres in floor area. It includes providing client advice on the preparation of planning and building approval applications and the compliance of design documentation with the building and planning legislation, regulations, codes and standards that apply to the nature and location of each project.

This unit is suitable for building surveyors who draw on their broad theoretical knowledge and technical skills to provide advisory code-consulting services to building and construction professionals involved in developing building design documentation up to the building approval application stage.

This unit forms part of the licensing requirements for building surveying in some states and territories. Relevant state and territory regulatory authorities should be consulted to clarify these requirements.

Pre-requisite Unit

CPCCBS6101 Research and evaluate construction methods and materials for Class 1 and 10 buildings to three storeys.

Unit Sector

Building surveying

Elements and Performance Criteria

Elements describe the Performance criteria describe what needs to be done to

essential outcomes.	demonstrate achievement of the element.
1 Plan and manage code-consulting services.	1.1 Identify and confirm scope and nature of design project for Class 1 or 10 building, and timelines, fees and details of services to be offered at different project stages. 1.2 Identify, engage and brief relevant persons to provide advice at different stages of project or on specialist areas of expertise. 1.3 Advise and monitor project management processes to ensure accurate and timely advice is provided within the scope of specified service levels. 1.4 Advise and monitor file management processes according to workplace requirements.
2 Confirm project compliance requirements for Class 1 or 10 building.	2.1 Conduct research to confirm jurisdictional building control legislation and regulations for the building and its location. 2.2 Conduct research to confirm relevant requirements of the NCC and Australian Standards for Class 1 or 10 building and its location. 2.3 Research planning constraints for building in consultation with relevant jurisdictional authority. 2.4 Consult with relevant persons to ensure technically accurate interpretation and application of compliance requirements in relation to performance solutions. 2.5 Explain compliance requirements for building to client and invite and address questions.
3 Advise on planning approval compliance of drawings and documentation for Class 1 or 10 building.	3.1 Advise client of drawings and documentation required for building planning approval process. 3.2 Examine architectural drawings and documentation prepared for planning approval application to ensure completeness according to service agreement. 3.3 Identify and record planning approval compliance issues and seek specialist advice as required to determine options for their resolution.

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| | 3.4 | Identify and document cost-effective and efficient design alternatives that meet planning approval compliance requirements and explain to client. |
| | 3.5 | Prepare compliance advisory report, present to client and invite and address questions. |
| 4 Advise on building approval compliance of drawings and documentation for Class 1 or 10 building. | 4.1 | Advise client of drawings and documentation required for building approval process. |
| | 4.2 | Examine architectural drawings and documentation prepared for building approval application to ensure completeness according to service agreement. |
| | 4.3 | Identify and record building approval compliance issues and seek specialist advice as required to determine options for their resolution. |
| | 4.4 | Identify and document cost-effective and efficient design alternatives that meet building approval compliance requirements and explain to client. |
| | 4.5 | Prepare and present compliance advisory report to client and invite and address questions to explain content. |
| 5 Respond to client enquiries. | 5.1 | Assess client requests for compliance information according to service agreement and negotiate and agree additional fees as required. |
| | 5.2 | Assess information request and research appropriate response in consultation with relevant persons as required. |
| | 5.3 | Present client advice in the required format and invite and address questions to explain content. |

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- numeracy skills to interpret ratios, rates and proportions when examining architectural drawings and documentation.

Unit Mapping Information

Supersedes and is not equivalent to CPCCBS6004 Assess and advise on compliance of design documentation for residential buildings to three storeys

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>

Assessment Requirements for CPCCBS6104 Assess and advise on compliance of design documentation for Class 1 and 10 buildings to three storey

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- New prerequisite requirement.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by assessing and advising on the compliance of design documentation for three buildings involving the following Classes as defined by the National Construction Code (NCC):

- two types of Class 1 buildings in different geographical locations/areas selected from:
- high wind area
- highly corrosive area (within 1 kilometre of the ocean)
- bushfire-prone area
- cyclone area
- earthquake area
- alpine area
- metropolitan area
- one Class 10 building excluding sheds and swimming pools.

Each building must be up to three storeys and not exceeding 2,000 square metres in floor area.

While performing the above, the candidate must analyse complete sets of building design documentation for three related building approval applications and, for each application, provide advice on two cost-effective, energy efficient and compliant design alternatives.

Knowledge Evidence

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

- different compliance requirements of planning and building applications
- NCC classifications and definitions for Class 1 and 10 buildings:
 - building types
 - geographic and climate zones

- possible solutions to design documentation compliance issues for building and planning applications to meet the requirements of the NCC and:
 - insurers
 - jurisdictional legislation and regulations
 - statutory authorities governing the environment, fire protection and services
- project management strategies that ensure thorough and timely advice is delivered according to service level agreement
- regulatory and legislative compliance requirements for Class 1 and 10 buildings in different climate zones and geographic locations:
 - building control legislation and regulations
 - NCC including referenced Australian Standards to meet deemed-to-satisfy provisions and/or performance solutions
- regulatory constraints that govern the relationship between the advisory and statutory roles of building surveyors
- types of disciplines from which specialist advice may be sought.

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

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