



Australian Government

**CPCCBS6115 Conduct and report on
advanced and final inspections of Class 2 to
9 buildings to three storeys**

Release: 1

CPCCBS6115 Conduct and report on advanced and final inspections of Class 2 to 9 buildings to three storeys

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 CPCCBS6015 Conduct and report on advanced and final inspections of commercial buildings up to three storeys.
- New prerequisite requirement.

Application

This unit of competency specifies the skills and knowledge required to conduct and report on advanced and final inspections that occur after constructing the structural elements of commercial buildings included in Classes 2 to 9, as defined in the National Construction Code (NCC), up to three storeys and not exceeding 2,000 square metres in floor area. The unit includes planning and conducting inspections, reporting on issues of non-compliance, preparing certificates of compliance and issuing occupancy permissions according to legislative and regulatory requirements.

This unit is suitable for building surveyors who draw on their broad theoretical knowledge and technical skills to conduct mandated inspections of buildings included in Class 2 to 9 at the advanced and final stages of construction. Inspections are those specified in the building approval documentation for the project including the final inspection required prior to issuing occupancy permission.

At the time of publication, 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

CPCCBS6102 Research and evaluate construction methods and materials for Class 2 to 9 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 Interpret compliance requirements for building included in Class 2 to 9.	1.1 Access and interpret approved building design drawings and specifications for building and consult with relevant persons to confirm compliance of any variations from deemed-to-satisfy provisions. 1.2 Assess building features detailed in approved drawings to check compliance with NCC and regulatory requirements.
2 Plan building inspections.	2.1 Review building approval documentation to identify requirements for specific additional inspections. 2.2 Identify need for expert advice and engage relevant specialist consultant. 2.3 Obtain required equipment to inspect building and apply work health and safety (WHS) requirements to inspection activities according to workplace requirements. 2.4 Schedule advanced and final inspections according to building and regulatory requirements and notify relevant persons.
3 Inspect and report compliance of building included in Class 2 to 9.	3.1 Conduct advanced and final inspection of building according to regulatory and workplace requirements. 3.2 Assess building features against compliance requirements and approved drawings. 3.3 Document and report details of non-compliant features according to regulatory and workplace requirements. 3.4 Discuss non-compliant features of building with relevant persons and negotiate work required to remedy non-compliances according to workplace requirements. 3.5 Negotiate timeframe for remedial action and further inspection and report any failure to comply according to regulatory and workplace requirements. 3.6 Prepare and process certificate of compliance and issue occupancy permission according to regulatory and workplace requirements.

Foundation Skills

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

- oral communication skills to use specialised construction industry vocabulary when exchanging technical information and negotiating remedial work
- numeracy skills to measure and calculate dimensions.

Unit Mapping Information

Supersedes and is not equivalent to CPCCBS6015 Conduct and report on advanced and final inspections of commercial buildings up 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 CPCCBS6115 Conduct and report on advanced and final inspections of Class 2 to 9 buildings to three storeys

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by conducting and reporting on advanced and final inspections for three projects involving 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.

For each project, the candidate must assess and confirm the compliance of the following building features against approved drawings, NCC and regulatory requirements:

- access and egress
- services and equipment
- health and amenity
- ancillary provisions
- energy efficiency.

Knowledge Evidence

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

- legislative and regulatory compliance requirements for fire resistance, access and egress, services and equipment, health and amenity, ancillary provisions, safe movement and access, and energy efficiency of Class 2 to 9 buildings at the advanced and final stages of construction 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:
 - fire resistance:
 - fire resistance and stability
 - compartmentation and separation and protection of openings
 - access and egress:
 - provisions for escape
 - construction of exits
 - access for people with disabilities
 - services and equipment:
 - emergency lighting
 - exit signs and warning systems
 - fire suppression and detection equipment
 - lift installations
 - smoke hazard management
 - health and amenity:
 - damp and weather proofing
 - light and ventilation
 - room sizes
 - sanitary or other facilities
 - sound transmission and insulation
 - waterproofing of wet areas
 - ancillary provisions:
 - construction in bushfire prone areas
 - heating appliances, fireplaces, chimneys and flues
 - minor structures and components
 - energy efficiency:
 - access for maintenance
 - air movement
 - air conditioning and ventilation systems
 - artificial lighting and power
 - building: fabric and sealing
 - external glazing
 - hot water supply
- NCC classifications and definitions for buildings included in Classes 2 to 9:
 - building types
 - geographic and climate zones
- principles of negotiation and conflict resolution used to maintain professional relationships during building inspection and reporting processes

- workplace requirements for conducting and reporting on advanced and final construction inspections of Class 1 and 10 buildings:
 - equipment, including personal protective equipment (PPE)
 - reporting
 - work health and safety (WHS).

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

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