



Australian Government

Assessment Requirements for AHCLSC402 Apply building codes and standards to the construction process for Class 10 buildings

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has applied codes and standards to the construction process of one Class 10 building project, to a maximum of one storeys, and has:

- determined type of construction and use of building from construction plans and specifications and class of building using National Construction Code (NCC) classifications
- identified current building and construction codes and Australian Standards relevant to the landscape construction projects
- applied NCC performance requirements in relation to the design and construction of the building, including:
 - energy efficiency
 - damp and weatherproofing
 - fire safety
 - health and amenity
 - structure
 - safe movement and access
 - ancillary provisions
- applied performance solutions to ensure construction complies with NCC performance requirements
- identified faults and problems and propose actions to rectify
- completed documentation
- inspected building to determine fire protection compliance with NCC and other legislative requirements.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace policies and procedures, quality systems, best practice approaches, and safety requirements
- processes, procedures and techniques of construction
- basic building design principles and the behaviour of structures under stress, strain, compression, bending or combined actions
- project plans, specifications, working drawings and structural details
- construction terminology
- 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
- current building and construction codes and Australian Standards relevant to Class 10 building construction
- 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 incorrect application of building codes and practices
- properties, characteristics and limitations of specified building materials and components.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - construction drawings, site plans and specifications
 - software and hardware to source and document information
- specifications:
 - NCC Volume 2
 - current building and construction codes and Australian Standards relevant to Class 10 building construction projects
 - workplace policies and procedures, and quality procedures relevant to Class 10 building construction projects
- relationships:
 - design and building construction professionals

- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>