



**Australian Government**

# **CPC60212 Advanced Diploma of Building and Construction (Management)**

**Release: 2**

# CPC60212 Advanced Diploma of Building and Construction (Management)

## Modification History

Version Comment

- 1 Revised qualification deemed not equivalent to CPC60208  
Change to core unit CPCCBC6004A deleted and replaced with CPCCBC6018A  
Core and elective units revised resulting in a number of unit identifier changes
- 2 Update superseded imported units from elective list with equivalent current unit for:
  - BSBMGT617A to BSBMGT617
  - BSBMKG609A to BSBMKG609
  - BSBRSK501B to BSBRSK501This version released with CPC08 Version 9.3.

## Description

This qualification is designed to meet the needs of builders, including selecting contractors, overseeing the work and its quality, and liaising with the client. The builder may also be the appropriately licensed person with responsibility under the relevant building licensing authority in the State or Territory.

The qualification also meets the needs of senior managers within building, construction and services firms typically working in larger organisations and managing more complex projects and processes.

Occupational titles may include:

- Construction manager.

The qualification has core unit of competency requirements that cover common skills for the construction industry.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all included units of competency to be delivered

in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A covers this requirement.

Additional units of competency may be required to meet builder registration requirements in various States and Territories.

## **Pathways Information**

Not applicable.

## **Licensing/Regulatory Information**

Not applicable.

## **Entry Requirements**

Not applicable.

## Employability Skills Summary

Employability skill	Industry/enterprise requirements for this qualification include:
<p><b>Communication</b></p>	<ul style="list-style-type: none"> <li>• Analyses, evaluates and interprets a range of complex and technical documents, including relevant regulatory, legislative, and licensing requirements, codes and standards, plans, drawings and specifications, invitations to tender, contracts and procurement reports</li> <li>• Discusses construction issues and compliance issues with relevant stakeholder</li> <li>• Maintains, checks, records and reports information</li> <li>• Understands relevant definitions, terminology, symbols and language</li> <li>• Interprets complex numerical information</li> <li>• Prepares complex business documents, including development proposals and feasibility studies, tenders, staff duty schedules, reports, project briefs, organisational policies, procedures and codes of conduct and strategic plans</li> <li>• Communicates effectively with a range of relevant parties</li> <li>• Negotiates project approvals</li> <li>• Interprets strategic and sometimes ambiguous information</li> <li>• Provides relevant legal, regulatory and administrative advice and feedback to colleagues as required</li> <li>• Evaluates resource ordering information for compliance</li> <li>• Establishes communication policies and principles, review and feedback systems, recording and evaluation systems, and documentation processes</li> <li>• Reads relevant publications to maintain contemporary industry knowledge</li> </ul>
<p><b>Teamwork</b></p>	<ul style="list-style-type: none"> <li>• Uses network contacts to generate business opportunities</li> <li>• Supervises and monitors performance of systems and individuals</li> <li>• Interacts with internal and external personnel</li> <li>• Manages relationships on legal matters</li> <li>• Facilitates meetings between client and teams</li> <li>• Maintains effective industrial relationships with subcontractors</li> <li>• Consults and works with industry professionals on construction projects</li> <li>• Coordinates input of expert advice where appropriate</li> </ul>

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• Analyses construction problems and applies appropriate and compliant remedial solutions</li> <li>• Assesses structural integrity of large, high rise and complex buildings</li> <li>• Performs various complex calculations relating to costings and returns, building designs' structural requirements and loads, effects of force and movement on structural elements, analysis of behaviours and properties of structural materials, quantitative analysis of market data and sensitivity analysis</li> <li>• Uses strategic level skills to conceptualise solutions to unique problems</li> <li>• Takes remedial action to address non-compliance issues</li> <li>• Addresses and resolves industrial relations issues</li> <li>• Deals effectively with procurement problems and delays</li> <li>• Conducts risk assessment of facilities management outcomes</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• Develops effective and compliant design solutions and quality assurance processes</li> <li>• Generates and directs development of new projects</li> <li>• Identifies potential projects and develops feasibility studies</li> <li>• Demonstrates strong and decisive leadership</li> <li>• Facilitates implementation of various new management systems</li> <li>• Implements energy conservation strategies and cost saving practices</li> <li>• Develops and reviews workplace sustainability policy</li> <li>• Establishes and implements costing and construction documentation quality control systems</li> <li>• Formulates investment scenarios</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• Establishes processes to coordinate others' work</li> <li>• Manages project commissioning</li> <li>• Delegates and directs work activities</li> <li>• Selects and deploys resources to enable new project development</li> <li>• Establishes, maintains and reviews contract administration procedures and frameworks</li> <li>• Develops strategic plans for the development of contracts administration and facilities/asset management</li> </ul>

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
	<ul style="list-style-type: none"> <li>• Manages processes for legal obligations of a building or construction contract, including ensuring required licences are obtained and regulatory compliance is administered</li> <li>• Manages processes associated with tender development for major projects and resource procurement and acquisition for building or construction projects</li> <li>• Develops, plans and implements systems designed to manage environmental practices and processes, including workplace sustainability policy</li> <li>• Develops and implements estimating and tendering systems, building or construction planning processes</li> <li>• Plans, develops and implements building or construction, energy conservation and management practices and processes</li> <li>• Directs and manages design and development of the organisation's project planning system</li> <li>• Manages and administers development of documentation for building or construction projects</li> <li>• Applies structural principles to the planning of the erection and demolition of a structure and coordinates and manages the structural elements of the construction process</li> <li>• Gathers relevant information to conduct feasibility studies</li> </ul>
<b>Self management</b>	<ul style="list-style-type: none"> <li>• Understands organisational and professional procedures, ethical practices and business standards</li> <li>• Recognises limitations of own work role, responsibilities and professional abilities</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• Ensures staff receive appropriate training and instruction in matters relating to insurance and taxation and are made aware of their responsibilities</li> <li>• Ensures staff are trained and managed to ensure that quality assurance practices and energy conservation and management practices are applied</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Operates office equipment, computers and electronic communication systems</li> <li>• Understands and applies new technologies in concrete</li> </ul>

## Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 10 units of competency:
  - 4 core units
  - 6 elective units.

The elective units are to be chosen as follows:

- up to 6 units from general elective units
- up to 2 units from qualifications in CPC08 or another current Training Package or state accredited course, provided the integrity of the AQF alignment is ensured, they contribute to a valid, industry-supported vocational outcome, and that no more than:
  - 1 unit is from a Diploma qualification
  - 1 unit is from an Advanced Diploma qualification.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

### Core units

BSBOHS603B	Analyse and evaluate OHS risk
CPCCCBC6001B	Apply building codes and standards to the construction process for large building projects
CPCCCBC6003A	Establish, maintain and review contract administration procedures and frameworks
CPCCCBC6018A	Manage processes for complying with legal obligations of a building or construction contractor

### Elective units

BSBMGT617	Develop and implement a business plan
BSBMKG609	Develop a marketing plan
BSBR501	Manage risk
CPCCB6002A	Generate and direct the development of new projects
CPCCB6005A	Manage tender developments for major projects
CPCCB6006A	Manage the procurement and acquisition of resources for building or construction projects
CPCCB6007A	Develop, plan and implement appropriate building or construction environmental management practices and processes
CPCCB6008A	Develop and implement an appropriate estimating and tendering system
CPCCB6009A	Develop, plan and implement an appropriate building or construction planning process
CPCCB6010A	Plan, develop and implement building or construction energy conservation and management practices and processes
CPCCB6011A	Establish systems to develop and monitor building and construction costs
CPCCB6012A	Manage and administer development of documentation for building or construction projects
CPCCB6013A	Evaluate materials for multi-storey buildings
CPCCB6014A	Apply structural principles to the construction of large, high rise and complex buildings
CPCCB6015A	Apply building surveying procedures
CPCCB6016A	Assess construction faults in large building projects
CPCCB6017A	Evaluate services layout and connection methods for the planning of large building projects
CPCSUS5001A	Develop workplace policies and procedures for sustainability
CPPDSM6002A	Conduct a property investment feasibility study
CPPDSM6008A	Develop strategic facilities management plan



## **Custom Content Section**

Not applicable.