



**Australian Government**

# **CPC30313 Certificate III in Concreting**

**Release 1**

## CPC30313 Certificate III in Concreting

### Modification History

Revised qualification deemed not equivalent to CPC30311

- qualification packaging amended:
  - total number of units required increased from 18 to 20 units
  - core units increased from 13 to 14
  - elective units increased from 5 to 6
  - core and elective units revised, including replacement with non-equivalent versions and addition of new units
- pathways information added

## Description

This qualification is designed to meet the needs of concreters working in concreting operations on residential and commercial projects.

Occupational titles could include:

- Concreter
- Concrete pump operator.

The qualification has core unit of competency requirements that cover common skills for the construction industry, as well as a specialist field of work.

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 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.

## Pathways Information

This qualification is suitable for an Australian Apprenticeship pathway.

Refer to CPSISC website for further career and pathway information:

<http://www.cpsisc.com.au/career>

## Licensing/Regulatory Information

This is a licensed occupation. Check with relevant state and territory licensing and regulatory authorities. State and territory jurisdictions may have different regulatory requirements

## Entry Requirements

There are no entry requirements

## Employability Skills Summary

Employability skill	Industry/enterprise requirements for this qualification
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Communicates with clients, colleagues and others using effective and appropriate communication techniques, including:               <ul style="list-style-type: none"> <li>• Clear and direct communication</li> <li>• Active listening</li> <li>• Verbal and non-verbal language</li> </ul> </li> </ul>

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification</b>
	<ul style="list-style-type: none"> <li>• Questioning to identify and confirm requirements</li> <li>• Language and concepts appropriate to cultural differences</li> <li>• Follows instructions from supervisor and other relevant persons</li> <li>• Understands, interprets and applies information as required from:               <ul style="list-style-type: none"> <li>• Regulatory, legislative, licensing and organisational requirements</li> <li>• Environmental and WHS requirements, including safety data sheets (SDS)</li> <li>• Codes and standards</li> <li>• Plans, drawings and specifications</li> <li>• Delivery advice</li> <li>• Safety signs and symbols</li> <li>• Organisational policies and procedures</li> </ul> </li> <li>• Understands relevant definitions, terminology, symbols, abbreviations and language</li> <li>• Records relevant information using standard workplace documentation</li> <li>• Applies measurements and calculations using appropriate equipment, formulas and records as required</li> <li>• Reports and records hazards and risks</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• Works as part of a team</li> <li>• Provides assistance and encouragement to other team members</li> <li>• Initiates and encourages improvements in team performance</li> <li>• Identifies and uses the strengths of other team members</li> <li>• Relates to people from diverse social, cultural and ethnic backgrounds and with varying physical and mental abilities</li> <li>• Coordinates and actions tasks</li> <li>• Participates in on-site meetings</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• Examines tools and equipment prior to use for damage, missing components or other defects</li> <li>• Identifies typical faults and problems and takes remedial action and/or reports to supervisor</li> <li>• Rectifies simple faults with tools and equipment</li> <li>• Carries out tests, such as slump testing of concrete and high performance concrete testing</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• Identifies opportunities to improve resource efficiency and makes suggestions as appropriate</li> <li>• Responds to change and workplace challenges</li> <li>• Puts ideas into action</li> <li>• Maximises use of resources by recycling, re-using or using appropriate disposal methods</li> </ul>

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification</b>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• Identifies hazards and implements appropriate hazard control measures</li> <li>• Identifies and manages risks</li> <li>• Selects and uses appropriate materials, tools and equipment</li> <li>• Determines material quantity requirements</li> <li>• Prioritises and sequences tasks</li> <li>• Applies time management skills to ensure work is completed to time requirements</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• Evaluates own actions and makes judgements about performance and necessary improvements</li> <li>• Contributes to workplace responsibilities, such as current work site environmental/sustainability frameworks or management systems</li> <li>• Manages own performance to meet workplace standards</li> <li>• Seeks support to improve work performance</li> <li>• Cleans up work area, including tools and equipment</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• Identifies own learning needs and seeks skill development as required</li> <li>• Is open to learning new ideas and techniques</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Uses calculators</li> <li>• Uses and operates a range of tools and equipment correctly and safely</li> </ul>

## Packaging Rules

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

- 20 units of competency:
  - 14 core units
  - 6 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- a minimum of 3 elective units are to be specialist concreting units (coded 'CO') from the elective units listed below
- the remaining elective units may be chosen from the elective units listed below or any Certificate III or Certificate IV qualifications in CPC08 or another current Training Package or accredited course.

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**

CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCCO2021A	Handle concreting materials
CPCCCO2022A	Use and maintain concreting plant, tools and equipment
CPCCCO3041A	Place concrete
CPCCCO3042A	Finish concrete
CPCCCO3043A	Cure concrete
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCSF2004A	Place and fix reinforcement materials

**Elective units**

CPCCCA3001A	Carry out general demolition of minor building structures
CPCCCM1016A	Identify requirements for safe tilt-up work
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCO3035A	Assess and specify concrete supply requirements

CPCCCO3036A	Plan concrete work and brief team
CPCCCO3044A	Carry out decorative finishes to concrete
CPCCCO3046A	Repair and rectify concrete
CPCCCO3047A	Cut and core concrete
CPCCCO3048A	Construct tilt panels on site
CPCCCO3049A	Apply and finish sprayed concrete
CPCCCO3050A	Carry out high performance concreting
CPCCCO3051A	Conduct off-form vertical concrete operations
CPCCCO3052A	Conduct concrete boom delivery operations
CPCCCO3053A	Slump test concrete
CPCCCO3054A	Operate concrete agitator trucks
CPCCCO3055A	Install topping slabs
CPCCLBM3001A	Licence to operate a concrete placing boom
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment
CPCCSF3001A	Apply reinforcement schedule

## Custom Content Section

Not applicable.