



**Australian Government**

# **CPC30318 Certificate III in Concreting**

**Release 1**

# CPC30318 Certificate III in Concreting

## Modification History

Release 1.

Supersedes and replaces CPC30313 Certificate III in Concreting.

The unit of competency was updated to the Standards for Training Packages 2012.

This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0.

## Qualification Description

This qualification reflects the role of concreters working in concreting operations on residential and commercial projects.

Occupational titles include:

- concreter
- concrete tilt panel fabricator.

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

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in an actual workplace or very closely simulated workplace environment, and this qualification requires all units of competency to be delivered in this context.

Licensing, legislative, regulatory or certification requirements apply to concreting in some states and territories. Relevant state and territory regulatory authorities should be consulted to confirm these requirements.

## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 20 units of competency:
  - 15 core units
  - 5 elective units.

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

- a minimum of three elective units must be chosen from the Group A concreting elective units listed below
- the remaining two elective units may be chosen from:
  - the remaining Group A concreting elective units listed below
  - the Group B general elective units listed below
  - other units packaged in a Certificate III or Certificate IV qualification in the CPC Construction, Plumbing and Services Training Package, CPC08 Construction, Plumbing and Services Training Package, or other current Training Packages or accredited courses provided they do not duplicate the outcome of another unit already chosen for the qualification.

#### Prerequisite units of competency

An asterisk against a unit code below indicates that there is a prerequisite requirement that must be met.

In this instance, all units with an asterisk have the following unit as a prerequisite unit:

- CPCCWHS2001 Apply OHS requirements, policies and procedures in the construction industry.

This prerequisite unit must be assessed before assessment of any unit of competency with an asterisk; therefore, it is recommended that the prerequisite unit be the first unit delivered and assessed in the qualification.

#### Core units

CPCCCA2003 Erect and dismantle formwork for footings and slabs on ground  
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CPCCCM101 Work effectively and sustainably in the construction industry  
2

CPCCCM101 Plan and organise work  
3

CPCCCM101 Conduct workplace communication  
4

CPCCCM101 Carry out measurements and calculations  
5

CPCCCM200 Read and interpret plans and specifications  
1

CPCCCM200 Apply basic levelling procedures  
6

CPCCCO2021 Handle concreting materials

\*

CPCCCO2022 Select, check and maintain concreting plant, tools and equipment

\*

CPCCCO3041 Place concrete

\*

CPCCCO3042 Finish concrete

\*

CPCCCO3043 Cure concrete

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CPCCCO3053 Slump-test concrete

\*

CPCCSF2004 Place and fix reinforcement materials

\*

CPCCWHS20 Apply WHS requirements, policies and procedures in the construction  
01 industry

### **Group A: Concreting elective units**

CPCCCO3035\* Assess and specify concrete supply requirements

CPCCCO3036\* Plan concrete work and brief team

CPCCCO3044\* Apply decorative finishes to concrete

CPCCCO3046\* Repair and rectify concrete

CPCCCO3047\* Cut and core concrete

CPCCCO3048\* Construct tilt panels on site

CPCCCO3049\* Apply and finish sprayed concrete

CPCCCO3050\* Carry out high performance concreting

CPCCCO3051\* Conduct off-form vertical concrete operations

CPCCCO3052\* Conduct concrete boom delivery operations

CPCCCO3054\* Operate concrete agitator trucks

CPCCCO3055\* Install topping slabs

**Group B: General elective units**

- CPCCCA3001\* Carry out general demolition of minor building structures
- CPCCCM1016 Identify requirements for safe tilt-up work
- CPCCCM2007\* Use explosive power tools
- CPCCCM2008\* Erect and dismantle restricted height scaffolding
- CPCCLBM3001 Licence to operate a concrete placing boom
- CPCCSF2003\* Cut and bend materials using oxy-LPG equipment
- CPCCSF3001\* Apply reinforcement schedule

**Qualification Mapping Information**

Code and Title	CPC08 Construction, Plumbing and Services Training Package	Comments	Equivalency statement
CPC30318 Certificate III in Concreting	CPC30313 Certificate III in Concreting	Supersedes and replaces CPC30313 Certificate III in Concreting.	E

**Links**

An Implementation Guide to this Training Package is available at -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>.