



Australian Government

CPC30320 Certificate III in Concreting

Release 1

CPC30320 Certificate III in Concreting

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPC30318 Certificate III in Concreting.

Qualification Description

This is a qualification for concreters working in concreting operations on residential and commercial projects.

Occupational titles include:

- concreter
- concrete tilt panel fabricator.

This qualification has core unit of competency requirements that cover common skills for the construction industry, as well as a specialist field of work in 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. For further information, check with the relevant regulatory authority.

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction Work*, is required by anyone carrying out construction work. Achievement of *CPCCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 22 units of competency:
 - 17 core units
 - 5 elective units.

For the elective units:

- 3 units must be selected from Group A
- the remaining 2 elective units may be selected from Group A and/or Group B or from any currently endorsed Training Package or accredited course at Certificate III or Certificate IV level.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units

CPCCCA3002*	Carry out setting out
CPCCCA3028*	Erect and dismantle formwork for footings and slabs on ground
CPCCCM2002*	Carry out hand excavation
CPCCCM2006	Apply basic levelling procedures
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM2001*	Read and interpret plans and specifications
CPCCON2021*	Handle concreting materials and components
CPCCON2022*	Select, use and maintain concreting plant, tools and equipment
CPCCON3035*	Determine concrete supply requirements
CPCCON3041*	Place concrete
CPCCON3042*	Finish concrete
CPCCON3043*	Cure concrete
CPCCSF2004*	Place and fix reinforcement materials
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry

Elective units**Group A: Specialist elective units**

CPCCON3036*	Plan concrete work and brief team
CPCCON3044*	Apply decorative finishes to concrete
CPCCON3046*	Repair and rectify concrete
CPCCON3047*	Cut concrete
CPCCON3048*	Construct tilt panels on site
CPCCON3049*	Apply and finish sprayed concrete
CPCCON3050*	Carry out high performance concreting
CPCCON3051*	Conduct off-form vertical concrete operations
CPCCON3053*	Slump test concrete
CPCCON3054*	Operate concrete agitator trucks
CPCCON3055*	Install topping slabs
CPCCON3056*	Conduct concrete pump delivery operations
CPCCON3057*	Core concrete

Group B: General elective units

CPCCCM2007*	Use explosive power tools
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCLBM3001	Licence to operate a concrete placing boom
CPCCOM1016	Identify requirements for safe precast and tilt-up work
CPCCSF2003*	Cut and bend materials using oxy-LPG equipment
CPCCSF3001*	Apply reinforcement schedule

Qualification Mapping Information

CPC Construction, Plumbing and Services Training Package Release 5.0	CPC Construction, Plumbing and Services Training Package Release 4.0	Comments	E/NE
CPC30320 Certificate III in Concreting	CPC30318 Certificate III in Concreting	Supersedes and is equivalent to CPC30318 Certificate III in Concreting.	E

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>