**Qualification**

**Modification History**

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| --- | --- |
| **Release** | **Comments** |
|  |  |

**Qualification code** CPC30320

**Qualification title** 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 (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. For further information, check with the relevant regulatory authority.

**Entry requirements**

None.

**Packaging rules**

To achieve this qualification, competency must be demonstrated in:

* 20 units of competency:
  + 15 core units
  + 5 elective units.

For the elective units:

* a minimum of 3 units are to be selected from group A units listed below
* the remaining 2 elective units may be selected from:
  + group A units not already selected
  + group B 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 Package or accredited course provided they do not duplicate the outcomes of units already chosen for the qualification.

**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**

|  |  |
| --- | --- |
| CPCCCA3028\* | Erect and dismantle formwork for footings and slabs on ground |
| CPCCCM2001 | Read and interpret plans and specifications |
| CPCCCM2006 | Apply basic levelling procedures |
| CPCCCO2021\* | Handle concreting materials |
| CPCCCO2022\* | Select, check and maintain concreting plant, tools and equipment |
| CPCCCO3041\* | Place concrete |
| CPCCCO3042\* | Finish concrete |
| CPCCCO3043\* | Cure concrete |
| CPCCCO3053\* | Slump-test concrete |
| CPCCOM1012\* | Work effectively and sustainably in the construction industry |
| CPCCOM1013\* | Plan and organise work |
| CPCCOM1014\* | Conduct workplace communication |
| CPCCOM1015 | Carry out measurements and calculations |
| CPCCSF2004\* | Place and fix reinforcement materials |
| CPCCWHS2001 | Apply WHS requirements, policies and procedures in the construction industry |

**Elective units**

**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**

Supersedes and is equivalent to CPC30318 Certificate III in Concreting.

**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>