

## Review of CPC30318 Certificate III in Concreting

### Summary of major changes to the concreting qualification

Through two rounds of national consultation and a range of other consultative mechanisms used throughout the project, Artibus has sought input from employers, workers, regulators, Registered Training Organisations (RTOs), industry bodies and other interested parties on proposed changes to the qualification and units of competency.

Key issues identified include:

- employers are finding it difficult to attract suitable workers
- concreting is a highly skilled job and there are quality issues across the board which are not addressed through licensing/regulation
- the qualification should be delivered as an apprenticeship (rather than traineeship) and declared as a trade given the volume of learning and required technical skills and knowledge
- qualification packaging arrangements need to change to:
  - better reflect the actual occupation/job role
  - support flexibility for concreters working in both residential and commercial settings
  - ensure the qualification is robust in its AQF 3 alignment and can support industry demand for an apprenticeship/declared trade
- units of competency need to be updated to:
  - incorporate changes in industry practices and strengthen technical knowledge, eg in areas such as risks associated with silica, basic science of concrete, impact of weather and climate on concrete, emerging trends in decorative techniques etc.
  - where possible, accommodate the application of skills/knowledge in a precast environment.
- Changes have been made to the packaging arrangements:
  - the total number of units to achieve the qualification has been increased from 20 to 23, requiring 3 additional core units
  - packaging of core and elective units has been modified to respond to industry feedback that the qualification needs to reflect tasks performed by concreters in both residential and commercial workplaces:
    - *CPCCON3053 Slump-test concrete* has been moved from the core to the elective listing based on feedback that the test is not performed by concreters - knowledge of the importance of the slump and risks associated with adding water on site has been embedded in the core unit *CPCCON3041 Place concrete*
    - *CPCCCM2002 Carry out hand excavation* has been included in the core based on feedback that this is a core function performed by concreters
    - *CPCCCA3002 Carry out setting out* has been included in the core based on feedback that this is a core function performed by concreters
    - *CPCCON3035 Determine concrete supply requirements* has been included in the core based on feedback that employers want workers to gain the skills and knowledge required to calculate concrete requirements for different aspects of a job, and to place orders for concrete
    - *CPCCWHS1001 Prepare to work safely in the construction industry* (commonly known as the 'Whitecard unit') has been included in the core listing given the recent decision by the Construction, Plumbing and Services IRC that this unit should be included in the core of all construction qualifications up to Certificate III level
- Some core units in the qualification have been updated recently through other training package projects and are expected to be endorsed soon:
  - *CPCCCA3002 Carry out setting out*
  - *CPCCCA3028 Erect and dismantle formwork for footings and slabs on ground* (upgraded from AQF level 2 to 3)

- *CPCCCM2002 Carry out hand excavation*
- *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*
- Skills and knowledge required to cut and core concrete are now covered by two separate elective units: *CPCCON3047 Cut concrete* and *CPCCON3057 Core concrete*
- A new elective unit has been developed to cover the skills and knowledge required by the line or hose hand who does not operate the boom: *CPCCON3056 Conduct concrete pump delivery operations* (note the high risk work associated with boom delivery operations are covered by the existing unit *CPCCO3052 Conduct concrete boom delivery operations*)
- New elective units have been included to support workplace flexibility – these units were also recently updated and are expected to be endorsed soon:
  - *CPCCCA3018 Construct, erect and dismantle formwork for stairs and ramps*
  - *CPCCCA3019 Erect and dismantle formwork to suspended slabs, columns, beams and walls*
  - *CPCCCM2012 Work safely at heights*
- *CPCCCA3001 Carry out general demolition of minor building structures* has been deleted from the elective listing based on feedback that it is not relevant to the job – it can be brought in using the packaging rules if required.