



Australian Government

CPCCON3042 Finish concrete

Release: 2

CPCCON3042 Finish concrete

Modification History

Release 2	Updated reference to general construction induction training program.
Release 1	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0. Supersedes and is equivalent to CPCCCO3042 Finish concrete.

Application

This unit of competency specifies the skills and knowledge required to finish placed and screeded concrete surfaces to specification. It requires using manual and mechanical finishing techniques including edge finishing.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency 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 *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Concreting

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Plan and prepare to finish concrete.	1.1 Interpret specifications for concrete finishing and clarify requirements with relevant persons.

- 1.2 Plan work tasks to comply with relevant legislation, regulations, standards, codes, work health and safety (WHS), environmental and workplace requirements.
 - 1.3 Select and fit required personal protective equipment (PPE).
 - 1.4 Inspect work site, assess hazards and apply risk controls, including required signage and barricades.
 - 1.5 Select plant, tools and equipment, check for serviceability and rectify or report any faults.
- 2 Apply concrete finishing techniques.
 - 2.1 Leave concrete untouched until bleed water has come to the surface and evaporated.
 - 2.2 Assess concrete surface during curing process and maintain level surface to allow manual and mechanical trowelling to be applied.
 - 2.3 Assess strength of setting concrete using basic thumb test to ensure weight of mechanical trowel and operator can be accommodated.
 - 2.4 Apply mechanical trowelling in multiple overlapping lines to consolidate and densify the setting concrete surface.
 - 2.5 Install jointing system, finish edges, and trowel concrete to specifications.
 - 2.6 Finish concrete and check compliance with specifications and workplace requirements.
- 3 Clean up.
 - 3.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements.
 - 3.2 Clean, check, maintain and store tools and equipment in accordance with manufacturer and workplace requirements.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCCO3042 Finish concrete.

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>