



Australian Government

CPCCCO3042 Finish concrete

Release: 1

CPCCCO3042 Finish concrete

Modification History

Release 1.

Supersedes and equivalent to CPCCCO3042A Finish concrete.

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.

Application

This unit of competency specifies the skills and knowledge required to finish placed and screeded concrete surfaces to specified finish requirements, including edge finishing.

It includes manual and mechanical finishing techniques applied to concrete on commercial, residential and civil construction sites.

It applies to concreters working as members of a team with at least a moderate degree of autonomy. They would be expected to complete routine activities without close supervision.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in all states and territories except Tasmania. Relevant state and territory regulatory authorities should be consulted to confirm these requirements.

Pre-requisite Unit

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

Unit Sector

Construction

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 Review and clarify task to finish concrete. 1.2 Review task specifications and check to make sure they are in accordance with legislation, regulations and codes of practice. 1.3 Review work health and safety (WHS) requirements for the task in accordance with safety plans and policies. 1.4 Identify safety signage and barricade requirements.

	1.5 Review environmental requirements for the task in accordance with environmental plans and legislative requirements. 1.6 Select plant, tools and equipment, check for serviceability and rectify or report any faults.
2. Apply concrete finishing techniques.	2.1 Erect identified safety signage and barricades, and fit personal protective equipment (PPE). 2.2 Leave concrete untouched until bleed water has come to the surface and evaporated. 2.3 Assess surface of concrete during curing process and maintain level surface to allow manual and mechanical trowelling to be applied. 2.4 Assess strength of setting concrete using a basic thumb test to ensure weight of mechanical trowel and operator can be accommodated. 2.5 Apply mechanical trowelling in multiple overlapping lines to consolidate and densify the setting concrete surface. 2.6 Install control joints, finish edges, and trowel concrete to specifications. 2.7 Finish concrete in accordance with job specifications.
3. Clean up after finishing concrete.	3.1 Clear work area and dispose of, re-use or recycle materials in accordance with legislation, regulations, codes of practice and task requirements. 3.2 Clean, check, maintain and store tools and equipment in accordance with manufacturers' specifications and workplace requirements.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

- oral communication skills to:
 - use questioning to identify and confirm requirements
 - discuss cause of problems
 - report work site hazards, including faults in tools, equipment and materials
 - provide feedback.

Unit Mapping Information

Supersedes and is equivalent to CPCCCO3042A Finish concrete.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>