



Australian Government

CPCCON3043 Cure concrete

Release: 2

CPCCON3043 Cure 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 CPCCCO3043 Cure concrete

Application

This unit of competency specifies the skills and knowledge required to carry out the initial curing process to poured concrete in order to control moisture evaporation from finished concrete. It includes using curing agents and techniques in accordance with engineering specifications.

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 cure concrete.	1.1 Interpret specifications to confirm concrete curing methods 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 Identify necessary preventative barriers to comply with regulatory and workplace requirements.
 - 1.4 Select and fit required personal protective equipment (PPE).
 - 1.5 Inspect work site, assess hazards and apply risk controls, including required signage and barricades.
 - 1.6 Select tools and equipment, check for serviceability and rectify or report any faults.
 - 1.7 Calculate and acquire required material quantities for specified curing methods and safely locate materials ready for use.
- 2 Carry out concrete curing activities.
 - 2.1 Install and maintain preventative barriers to stop curing agents from affecting the surrounding environment.
 - 2.2 Assess weather and climatic conditions, calculate curing duration and make any adjustments necessary to achieve required curing outcome.
 - 2.3 Apply and maintain curing method on concrete surface in accordance with manufacturer and workplace requirements.
 - 2.4 Protect concrete during curing process in accordance with 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 materials, tools and equipment in accordance with manufacturer, regulatory 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 CPCCCO3043 Cure 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>