



**Australian Government**

# **CPCCON2021 Handle concreting materials and components**

**Release: 1**

# CPCCON2021 Handle concreting materials and components

## Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0  
Supersedes and is equivalent to CPCCCO2021 Handle concreting materials.

## Application

This unit of competency specifies the skills and knowledge required to safely handle concreting materials and components in preparation for concreting work. It includes checking materials and components for conformity to schedules, plans and specifications, and using manual-handling techniques to sort and stack materials and components for work. It requires identifying and safely handling hazardous materials and waste in accordance with safety data sheets (SDS) and cleaning up on completion of work tasks.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

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 *CPCCWHS1001 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 for 1.1 Read work instructions and clarify requirements for

- work.
- handling concreting materials and components with relevant persons.
- 1.2 Plan work tasks to comply with relevant legislation and regulations, and manufacturer, 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 tools and equipment, check for serviceability and rectify or report any faults.
- 2 Identify, move and stack concreting materials and components.
- 2.1 Check types and quantities of materials and components against material schedule, plans and specifications and report problems.
  - 2.2 Identify handling characteristics of concreting materials from SDS and regulatory requirements.
  - 2.3 Use safe and effective manual-handling techniques to move concreting materials and components to specified location.
  - 2.4 Stack concreting materials and components to facilitate identification and retrieval and clear of access ways to protect against damage.
  - 2.5 Position concreting components ready for installation in accordance with plans, work instructions and manufacturer requirements.
- 3 Remove concreting materials and components on completion of task.
- 3.1 Identify hazardous concreting materials and apply waste management procedures in accordance with relevant SDS and regulatory requirements.
  - 3.2 Remove surplus concreting materials and components using safe manual-handling techniques.
  - 3.3 Use dust suppression procedures to minimise health risk to people in the work environment.

- 4 Clean up.
  - 4.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements.
  - 4.2 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 CPCCCO2021 Handle concreting materials.

## 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>