



**Australian Government**

# **CPCCCM2002 Carry out hand excavation**

**Release: 1**

# CPCCCM2002 Carry out hand excavation

## Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and equivalent to CPCCCM2002A Carry out excavation. Updated to meet the Standards for Training Packages 2012.

## Application

This unit of competency specifies the skills and knowledge required to undertake hand excavation tasks to form excavations for footings and the provision of services.

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

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of unit *CPCCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

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

## Unit Sector

Common

## 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 hand excavation. | 1.1 Read and interpret work instructions and plan sequence of work.   |
|   | 1.2 Plan all work to comply with laws and regulations, the National Construction Code (NCC), Australian Standards, work health and safety (WHS) and |

- environmental requirements, workplace requirements, drawings and specifications.
- 1.3 Select and use personal protective equipment (PPE) for each part of the task.
  - 1.4 Select tools and equipment, check for serviceability and report any faults.
- 2 Prepare excavation site and erect safety equipment.
- 2.1 Inspect work site to locate above ground services and assess hazards and determine risk controls.
  - 2.2 Locate service markers or taped areas to ensure underground services are avoided and free from interference.
  - 2.3 Establish line and depth using site pegs/profiles to mark excavation limits.
  - 2.4 Establish required signage and barricades and other risk controls.
  - 2.5 Establish temporary drainage system to divert surface and sub-surface water from excavation.
- 3 Dig excavations.
- 3.1 Dig excavations with hand tools to route, line and depth, following procedures to minimise risk to self and others.
  - 3.2 Install basic trench/excavation support.
  - 3.3 Use hand tools to remove loose material from excavation.
- 4 Check and store tools and equipment.
- 4.1 Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.
  - 4.2 Check, maintain and store tools and equipment and report any faults.

## Foundation Skills

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

## Unit Mapping Information

Supersedes and equivalent to CPCCCM2002A Carry out excavation.

## 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>