



**Australian Government**

# **CPCPCM2054 Carry out simple concreting and rendering**

**Release: 1**

# CPCPCM2054 Carry out simple concreting and rendering

## Modification History

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

Supersedes and is equivalent to CPCPCM2054A Carry out simple concreting and rendering. Updated to meet the Standards for Training Packages 2012.

## Application

This unit specifies the skills and knowledge required to undertake minor concreting and rendering tasks.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

## Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

## Unit Sector

Plumbing

## Elements and Performance Criteria

| Elements describe the essential outcomes.         | Performance criteria describe what needs to be done to demonstrate achievement of the element.                                                                                                               |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Identify concreting and rendering requirements. | 1.1 Access, read and determine concreting and rendering requirements from relevant job plans and specifications, codes, Australian standards, manufacturer's specifications and jurisdictional requirements. |
|                                                   | 1.2 Identify and apply workplace work health and safety (WHS) and environmental requirements.                                                                                                                |
| 2 Prepare for work.                               | 2.1 Create a materials list and collect materials.                                                                                                                                                           |
|                                                   | 2.2 Select and check the serviceability of appropriate tools and equipment, including personal protective equipment                                                                                          |

(PPE).

- |                                    |                                                                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 Place concrete or cement render. | 3.1 Prepare site prior to placement of concrete or cement render.                                                                                             |
|                                    | 3.2 Prepare concrete or cement render mixture to meet job and manufacturer's requirements.                                                                    |
|                                    | 3.3 Transport concrete or cement render safely using appropriate methods.                                                                                     |
|                                    | 3.4 Apply concrete in formwork or render to restore damaged surface.                                                                                          |
|                                    | 3.5 Screed concrete surface to project datum or screed cement render to ensure level or plumb finish.                                                         |
|                                    | 3.6 Finish surface of concrete or cement render according to relevant job plans and specifications.                                                           |
| 4 Clean up.                        | 4.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures. |
|                                    | 4.2 Clean tools and equipment, check for serviceability and report any damage, and store and secure.                                                          |

## 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 CPCPCM2054A Carry out simple concreting and rendering.

## 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>

# Assessment Requirements for CPCPCM2054 Carry out simple concreting and rendering

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## Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- carrying out one of the following:
  - bench an access chamber a minimum of 600 mm square or diameter
  - install two thrust blocks
  - cement render pipe penetration through a floor or wall
  - pour a concrete slab to minimum of 600 mm square
  - repair a concrete slab to minimum of 600 mm square
  - repair pipe chases in a brick wall a minimum of 600 mm long.

## Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- basic levelling techniques
- categories of materials and their safe handling, storage and transport requirements
- concrete and rendering materials
- plans, drawings and specifications
- simple formwork and reinforcing
- different types of concreting tools and equipment
- how to access relevant information, including codes and standards
- tools, materials and equipment used to carry out simple concrete and rendering
- work health and safety (WHS) requirements for carrying out simple concrete and rendering.

## Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

## **Links**

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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>