



**Australian Government**

# **CPCCCO2022 Select, check and maintain concreting plant, tools and equipment**

**Release: 1**

# CPCCCO2022 Select, check and maintain concreting plant, tools and equipment

## Modification History

Release 1.

Supersedes and equivalent to CPCCCO2022A Use and maintain concreting plant, tools and equipment. Minor change to title.

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 safely select, check, maintain and store concreting plant, tools and equipment used for concreting work on residential, commercial, civil and industrial construction work sites.

It includes the ability to check and maintain concreting plant, hand and power tools and other concreting equipment in preparation for concreting work.

It applies to specialist concreters working as members of a team.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states. 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. Select concreting plant, tools and equipment. | <p>1.1 Review and clarify concreting task and identify requirements for concreting plant, tools and equipment.</p> <p>1.2 Select concreting plant, tools and equipment, check for serviceability and rectify or report any faults.</p> <p>1.3 Review manufacturers' specifications for concreting plant</p> |

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     | <p>tools and equipment for safe use, maintenance and storage.</p> <p>1.4 Review workplace, work health and safety (WHS) and environmental requirements for using, cleaning, maintaining and storing concreting plant tools and equipment.</p>                                                                                                                                  |
| 2. Use concreting plant, tools and equipment.                       | <p>2.1 Fit personal protective equipment and install safety signage and barriers required during use of selected concreting plant tools and equipment.</p> <p>2.2 Use concreting hand tools safely and in accordance with manufacturers' specifications.</p> <p>2.3 Use concreting plant, tools and equipment safely and in accordance with manufacturers' specifications.</p> |
| 3. Clean, maintain and store concreting plant, tools and equipment. | <p>3.1 Clean, maintain and store concreting hand tools and safety equipment in accordance with manufacturers' specifications.</p> <p>3.2 Clean, maintain and store concreting plant, tools and equipment and safety equipment in accordance with manufacturers' specifications and workplace requirements.</p>                                                                 |

## 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.

## Unit Mapping Information

Supersedes and is equivalent to CPCCCO2022A Use and maintain concreting plant, tools and equipment.

## 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 CPCCCO2022 Select, check and maintain concreting plant, tools and equipment

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## Performance Evidence

To demonstrate competency in this unit, a person must select, check and maintain concreting plant, tools and equipment for three different concreting tasks.

In doing this, the person must meet the performance criteria for this unit.

## Knowledge Evidence

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

- jurisdictional work health and safety (WHS) and environmental legislation and regulations relating to selecting, checking and maintaining concreting plant, tools and equipment, including:
  - job safety analyses (JSAs)
  - safe work method statements (SWMSs)
  - safety data sheets (SDSs)
  - safety manuals and instructions for plant, tools and equipment
  - signage and barricades
  - personal protective equipment (PPE)
  - environmental and work site safety plans
- requirements of Australian Standards and the National Construction Code (NCC) relating to selecting, checking and maintaining concreting plant, tools and equipment
- uses, maintenance and limitations of concreting plant, tools and equipment, including:
  - hand tools, including:
    - bolt cutters
    - crow bars
    - cutting knives
    - edging tools
    - floats
    - grinders

- hammers
- jointers
- kneel boards
- levelling equipment
- long handled shovels
- measuring tapes
- nail bags
- picks
- pinch bars
- pliers
- rakes
- sledge hammers
- steel fixing reels
- string lines
- wire brushes
- screeds:
  - air or petrol driven
  - laser
  - magnesium
  - mechanical
  - rolling
- trowels, including:
  - fresno trowels
  - magnesium trowels
  - ride-on trowelling machine with pans or blades
  - steel trowels
  - stick trowels
  - walk behind trowels
- power tools, including:
  - 240v power supplied electrically operated portable and static power tools and leads
- plant and equipment, including:
  - compressors
  - elevated work platforms (EWPs)
- scissor lifts
- vibrators
- workplace requirements and processes for selecting, checking and maintaining concreting plant, tools and equipment, including interpreting task requirements and reporting problems.

## Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- work sites and concreting tasks
- appropriate documents, plant, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

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