

Draft 0.1

This is our work-in-progress update to CPCCCO2022 Select, check and maintain concreting plant, tools and equipment: <https://training.gov.au/Training/Details/CPCCCO2022>.

We are working with industry experts to ensure the updated unit:

- meets current and anticipated industry needs
- complies with current Standards for Training Packages
- is written in clear understandable English.

Information on our training package review and development process is available here:

<http://www.artibus.com.au/project-stage>.

Summary of changes from current endorsed unit:

- code changed to comply with policy for NSSC endorsement required changes to units
- title changed to better reflect outcome ie the unit clearly requires the person to use plant, tools and equipment, but the title was “select, check and maintain”
- application modified
- elements and PCs modified for consistency with other construction units about using and maintaining tools and equipment:
 - new element 1 to cover planning and preparation which was in element 2 but not consistent with title of element 2 (ie select plant, tools and equipment)
 - new PC about hazards since the unit may require using electrical or cutting tools
- knowledge updated to remove duplication and add specificity, eg:
 - all safety and environmental requirements under WHS and environmental legislation and regulations
 - listing of plant, tools and equipment clarified (eg lead sentence was plant, tools and equipment and then sub-point ‘plant and equipment’ ...)
 - included knowledge of ‘risks associated with silica exposure’
- assessment conditions: standard wording changed and modified requirement for candidates

Unit of Competency

CPCCON2022 Select, use and maintain concreting plant, tools and equipment

Modification history

Release	Comments
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.
2	Supersedes and equivalent to CPCCCO2022 Select, check and maintain concreting plant, tools and equipment. Minor change to title. This version first released with CPC Construction, Plumbing and Services Training Package Version 6.0.

Application

This unit of competency specifies the skills and knowledge required to safely select, use and maintain plant, tools and equipment used for concreting work.

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.

Prerequisite Unit

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

Unit Sector

Concreting

Elements and Performance Criteria

1. Plan and prepare for work.	1.1 Read work instructions and clarify requirements for using concreting plant, tools and equipment with relevant persons. 1.2 Plan work tasks to comply with relevant legislation, regulations, manufacturers' instructions, work health and safety, environmental and workplace requirements. 1.3 Select and fit personal protective equipment appropriate for work activities. 1.4 Inspect work site, assess hazards and apply risk controls, including required signage and barricades.
2. Select and check concreting plant, tools and equipment.	2.1 Select plant, tools and equipment required for concreting task in accordance with work instructions. 2.2 Review manufacturers' instructions to identify functions, limitations and safe methods of operation for selected plant, tools and equipment. 2.3 Check plant, tools and equipment for serviceability and rectify or report any faults in accordance with manufacturers' instructions and workplace requirements.

3. Use plant, tools and equipment for concreting task.	3.1 Use hand tools to carry out concreting task safely and in accordance with manufacturers' instructions. 3.2 Use plant, power tools and equipment to carry out concreting task safely and in accordance with manufacturers' instructions and workplace requirements.
4. Clean, maintain and store plant, tools and equipment.	4.1 Clean and maintain PPE and concreting plant, tools and equipment in accordance with manufacturers' instructions and workplace requirements. 4.2 Store plant, tools and equipment in accordance with manufacturers' instructions 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 CPCCCO2022 Select, check and maintain concreting plant, tools and equipment.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCCON2022 Select, use and maintain concreting plant, tools and equipment

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by selecting, using and maintaining concreting plant, tools and equipment for three different concreting tasks.

Knowledge Evidence

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

- requirements of Commonwealth and state or territory work health and safety and environmental legislation and regulations relevant to selecting, using and maintaining concreting plant, tools and equipment:
 - environmental and work site safety plans
 - job safety analyses
 - personal protective equipment (PPE)
 - risks associated with silica exposure
 - safe work method statements
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
- uses, maintenance and limitations of concreting plant, tools and equipment:
 - 240v power supplied electrically operated portable and static power tools and leads
 - compressors
 - elevated work platforms
 - hand tools:
 - 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
- scissor lifts
- screeds:
 - air or petrol driven
 - laser
 - magnesium
 - mechanical
 - rolling
- trowels:
 - fresno trowels
 - magnesium trowels
 - ride-on trowelling machine with pans or blades
 - steel trowels
 - stick trowels
 - walk behind trowels
- vibrators
- workplace requirements for selecting, using and maintaining concreting plant, tools and equipment:
 - cleaning and storing PPE, plant, tools and equipment
 - reporting problems.

Assessment Conditions

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

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to documentation, instructions and plant, tools and equipment required to achieve the performance evidence.

Links

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