



Australian Government

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

Release: 2

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

Modification History

Release 2	Updated reference to general construction induction training program.
Release 1	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0. Supersedes and is equivalent to CPCCCO2022 Select, check and maintain concreting plant, tools and equipment.

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.

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 *CPCWHS1001 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 using concreting plant, tools and equipment with relevant

work.	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.
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 Read 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 manufacturer 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 manufacturer requirements.
	3.2 Use plant, power tools and equipment to carry out concreting task safely and in accordance with manufacturer and workplace requirements.
4 Clean, maintain and store plant, tools and equipment.	4.1 Clean and maintain personal protective equipment (PPE) and concreting plant, tools and equipment in accordance with manufacturer and workplace requirements.
	4.2 Store plant, 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 CPCCCO2022 Select, check 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 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:

- compliance requirements of legislation and regulations relevant to selecting, using and maintaining concreting plant, tools and equipment:
 - hazard identification and risk control
 - personal protective equipment (PPE)
 - safety manuals and instructions for plant, tools and equipment
 - safe work method statements
 - signage and barricades
- health risks associated with silica dust exposure
- uses, maintenance and limitations of concreting plant, tools and equipment:
 - 240 V 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
 - safety requirements.

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, PPE and concreting plant, tools and equipment required to achieve the performance evidence.

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