



Australian Government

CPCCCA3028 Erect and dismantle formwork for footings and slabs on ground

Release: 1

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Modification History

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

Supersedes and is equivalent to CPCCCA2003 Erect and dismantle formwork for footings and slabs on the ground. Updated to reflect current industry terminology, tools and equipment.

Application

This unit of competency specifies the skills and knowledge required to erect and dismantle formwork for slabs on ground, rebates to slabs on ground, and steps to strip footings, meeting all relevant requirements of the National Construction Code (NCC), Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

The unit includes:

- establishing required levels on site and constructing formwork using boxing materials, including timber, metal, masonry, fibre cement sheeting or reconstituted timber products, and fixings to contain wet poured concrete until it is completely cured
- stripping the formwork and preparing and storing it for re-use.

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 *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

Carpentry and Joinery

Elements and Performance Criteria

Elements describe the Performance criteria describe what needs to be done to

essential outcomes.

demonstrate achievement of the element.

1 Plan and prepare.

- 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, manufacturers' specifications, workplace requirements, drawings and specifications.
- 1.3 Select tools and equipment, check for serviceability and report any faults.
- 1.4 Select and use personal protective equipment (PPE) for each part of the task.
- 1.5 Inspect work site, locate services, assess hazards and apply risk controls, including required signage and barricades.
- 1.6 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.

2 Erect formwork.

- 2.1 Clear work area and prepare surface for safe erection of formwork.
- 2.2 Measure, set out and level formwork.
- 2.3 Apply fixing and fasteners to ensure stable formwork construction.
- 2.4 Construct and erect edge rebate.
- 2.5 Check and brace formwork for accuracy of square and dimension.
- 2.6 Install block-outs and cast-in services to specified locations.
- 2.7 Apply release agent to formwork face following manufacturers' specifications.

3 Strip formwork and prepare for reuse.

- 3.1 Strip edge boxing and bracing support sequentially and safely.

- 3.2 Check formwork for re-usability and dispose of damaged components to meet safety and environmental requirements.
 - 3.3 Safely de-nail, clean, oil and store or stack reusable formwork components.
- 4 Clean up.
 - 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 is equivalent to CPCCCA2003 Erect and dismantle formwork for footings and slabs on the ground.

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>