



Australian Government

CPCCCA3019 Erect and dismantle formwork to suspended slabs, columns, beams and walls

Release: 2

CPCCCA3019 Erect and dismantle formwork to suspended slabs, columns, beams and walls

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 CPCCCA3019A Erect and dismantle formwork to suspended slabs, columns, beams and walls. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to erect and dismantle formwork to suspended slabs, columns, beams and walls to contain concrete in above-ground construction, 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:

- setting out, assembling and bracing formwork
- sorting formwork materials and preparing 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 *CPCWHS1001 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 essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 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. |
| 2 Erect formwork. | 2.1 Clear work area and prepare surface for safe erection of formwork for suspended slabs, columns, beams and walls. |
| | 2.2 Set-out formwork to requirements of drawings and specifications. |
| | 2.3 Assemble formwork with support system to drawings, specifications and class of surface finish and set to correct height, level and line. |
| | 2.4 Brace formwork to maintain rigidity and stability. |
| | 2.5 Erect formwork support system sequentially to initial set-out and task specifications. |
| | 2.6 Fabricate and erect formwork shutters and edge boxing to designed form requirements and dimensions specified to allow for safe stripping. |
| | 2.7 Install block-outs and cast-in services to specified locations. |

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| | 2.8 | Remove debris, sawdust and other waste materials from completed formwork following waste management requirements. |
| | 2.9 | Apply release agent to formwork face to manufacturers' specifications. |
| 3 Strip formwork. | 3.1 | Strip formwork and bracing sequentially and safely. |
| | 3.2 | Check formwork for re-usability and disposed of damaged components to 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 CPCCCA3019A Erect and dismantle formwork to suspended slabs, columns, beams and walls.

Links

Companion Volume implementation guides are found in VETNet -

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