



Australian Government

CPCCCA3004 Construct and erect wall frames

Release: 2

CPCCCA3004 Construct and erect wall frames

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 CPCCCA3004A Construct wall frames. Title change. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to plan, prepare, set out, construct and erect load-bearing and non-load-bearing wall frames for the different types of loadings, 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, cutting and fabrication of timber frames and preparation of steel frames and the erection, connection and bracing of frames.

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 |
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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.
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- 2 Construct wall frames.
 - 2.1 Set out location of walls on a slab or subfloor frame.
 - 2.2 Set out wall plates and a pattern stud meeting specifications and requirements under AS:1684 Residential timber-framed construction and National Association of Steel-framed Housing (NASH): Standard Residential and Low-rise Steel Framing.
 - 2.3 Assemble wall frames, lintels and bracing.
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- 3 Erect frames.
 - 3.1 Select timber and steel frames and components.
 - 3.2 Erect frames, fix into place and align using fixtures and fastenings in accordance with AS 1684 Residential timber-framed construction and National Association of Steel-framed Housing (NASH): Standard Residential and Low-rise Steel Framing.
 - 3.3 Attach temporary wall braces.
 - 3.4 Plumb corners at intersections, straighten wall plates and complete bracing.
 - 3.5 Straighten studs to maintain a flat surface for wall

coverings.

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| 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 CPCCCA3004A Construct wall frames.

Links

Companion Volume implementation guides are found in VETNet -

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