



Australian Government

CPCCS3003 Assemble and install stairs

Release: 1

CPCCJS3003 Assemble and install stairs

Modification History

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

Supersedes and is equivalent to CPCCJS3003A Assemble and install stairs.
Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to set out, assemble and install prepared components of straight flight stairs, meeting all relevant requirements of the National Construction Code (NCC), Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

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 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.
 - 1.6 Measure stairwell, check against drawings and make adjustments or report issues.
 - 1.7 Check stair components to identify, rectify and/or report imperfections and variances from specifications.
- 2 Assemble and fix stringers and newel posts.
 - 2.1 Assemble and fix or temporarily support all stringers in position.
 - 2.2 Assemble and fix newel posts in position.
 - 2.3 Brace assembled stringers and newel posts temporarily in a vertical position.
 - 3 Install treads and risers.
 - 3.1 Cut manufactured treads and risers to length, fit and fix to assembly, and check top flight to be true and square.
 - 3.2 Fit and wedge intermediate treads and risers to fit tight to housings.
 - 4 Assemble and install landings.
 - 4.1 Fit and fix landing joists to level.
 - 4.2 Fit and fix nosing and flooring to specified finish and fit, and fix fascia to landing.
 - 5 Install balustrade.
 - 5.1 Fit balusters and check for plumb.
 - 5.2 Put newel posts in position, check for plumb, and fix.

- 5.3 Fit and check height of handrails, and fix.
- 6 Finish stair installation and clean up.
 - 6.1 Check assembled stairs for quality.
 - 6.2 Clear area and remove waste material.
 - 6.3 Fit glue blocks to treads and risers.
 - 6.4 Display signs to prevent use of stairs until adhesives have dried.
 - 6.5 Clean, maintain and store tools and equipment.

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 CPCCS3003A Assemble and install stairs.

Links

Companion Volume implementation guides are found in VETNet -

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