



Australian Government

Assessment Requirements for CPCCS3011

Design and set out stairs

Release: 2

Assessment Requirements for CPCCJS3011 Design and set out stairs

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 CPCCJS3011A Design and set out stairs.
Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by designing and setting out the following two types of stairs:

- one straight flight staircase, minimum one metre in height
- one staircase, minimum one metre in height incorporating a quarter space landing and three winders.

One of the staircases must use a cut stringer and one must use a closed stringer.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- compliance requirements of the National Construction Code and Australian Standards relevant to designing and setting out stairs
- workplace quality policies and standards relevant to designing and setting out stairs
- safety requirements for designing and setting out stairs
- types and uses of tools and equipment required for designing and setting-out stairs
- stair components:
 - balusters
 - bullnose tread
 - handrails
 - landing and landing joists
 - newels
 - risers
 - stringers
 - treads
 - winders

- materials for stairs, including:
 - medium density fibreboard (MDF)
 - plastics
 - plywood
 - steel
 - timber
- methods for calculating lineal measurements used in stair design
- processes for measuring and setting out stairs
- processes for sketching stair drawings and required specifications
- range, types and limitations of materials used in stair construction
- types of stair design, their component parts and methods of joining components.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion Volume implementation guides are found in VETNet -

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