CPCCCA3002 Carry out setting out

Release: 1

CPCCCA3002 Carry out setting out

Modification History

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

Supersedes and is equivalent to CPCCCA3002A Carry out setting out. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to identify perimeter site boundaries and survey indicators to establish, measure and set up profiled set-outs for buildings and structural components of building work, 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 pads, posts, slabs, strips, and stumps and installing string lines to profile the footings of a building and associated structures on a site.

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.	
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, 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 Show site boundaries.	2.1	Locate survey pegs at corners of site.
	2.2	Set string lines to accurately show site boundary markings in accordance with site drawings and survey pegs.
3 Set out first line for building alignment.	3.1	Determine, from drawings, the distance of the building line from the boundary or existing building.
	3.2	Determine approximate position and length of line and building clearances at each end from drawings and survey pegs.
	3.3	Install pegs and profiles, ensuring that they are level across and between one another and have adequate provision to mark footing width on profile.
	3.4	Accurately mark location for line with nails on profiles and set taut string line to true alignment with boundary.
4 Set out right-angled corners.	4.1	Determine and mark corner of building with peg on set building line to true measurement from adjacent boundary.
	4.2	Use triangulation principles to set up right angle to line from corner peg.

	4.3	Install profiles to approximate level of other profiles and set taut string line to right-angled alignment.
5 Install other building lines.	5.1	Install profiles for remaining building lines level with established profiles.
	5.2	Mark measurements for remaining building lines accurately, and nail on profiles to dimensions from drawings.
	5.3	Set taut string lines to nailed locations on profiles.
6 Check building lines for square.	6.1	Check diagonal measurements for square and adjust lines to provide square relationship within 3 mm tolerance over minimum diagonal length of 10 m.
	6.2	Check measurements for accuracy.

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 CPCCCA3002A Carry out setting out.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad