![Australian Government](Australian Government logo with Commonwealth Coat of Arms)

CPCCCA3006 Erect roof trusses

Release: 2

CPCCCA3006 Erect roof trusses

Modification History

Release 2   This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Performance Evidence formatted for clarity.

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

Supersedes and is equivalent to CPCCCA3006B Erect roof trusses.   Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to select, set out, erect and brace timber and steel roof trusses in preparation for the installation of waterproof roof coverings, meeting all relevant requirements of the National Construction Code (NCC), Australian Standards, National Association of Steel-framed Housing (NASH) Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

The unit includes erection of manufactured roof trusses in accordance with AS 4440 Installation of nail-plated timber roof trusses.

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	Performance criteria describe what needs to be done to

essential outcomes.		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, 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	Identify materials required from truss layout plan, including fasteners and steel brackets, calculate quantities, handle safely and prepare and position ready for use.
2 Erect roof trusses.	2.1	Set out location of roof trusses on top plates to truss layout plan.
	2.2	Manage lifting and handling of materials, including lifting trusses and stacking loads on wall frames ready for use.
	2.3	Erect, plumb and fix roof trusses to set out positions in correct sequence to align at apex.
	2.4	Install bottom chord at constant height above internal wall plates and use to provide lateral support for internal walls.
	2.5	Fix ceiling trimming and creeper trusses.
	2.6	Construct and fix roof bracing following AS 4440 Installation of nail-plated timber roof trusses and National Association of Steel-framed Housing (NASH) Standards.

Artibus Innovation

	2.7	Fix lateral restraints to truss chords in position to manufacturers' specifications.
	2.8	Install roof and internal wall bracing connections, including tie downs, for wind load following manufacturers' guidelines and AS 4440 and NASH.
3 Clean up.	3.1	Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.
	3.2	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 CPCCCA3006B Erect roof trusses.

Links

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