



Australian Government

Assessment Requirements for CPCCA3006 Erect roof trusses

Release: 2

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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.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by:

- setting out and erecting timber trusses manufactured to AS 4440 *Installation of nail-plated timber roof trusses* and steel trusses to the requirements of the NASH Standards including:
 - a minimum 30 square metres of timber roof trusses with a major and minor span, including:
 - one hip end and valley
 - one gable end
 - a minimum 30 square metres of steel roof trusses with a major and minor span, including:
 - one hip end and valley
 - one gable end
- installing:
 - gable bracing, bottom chord bracing, web bracing and top chord bracing installed in line with the requirements of both AS 4440 *Installation of nail-plated timber roof trusses* to the requirements of the NASH Standards
 - a connection between an internal brace wall running parallel to the bottom chord
 - a connection between an internal brace wall running at 90 degrees to the bottom chord.

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 erecting roof trusses, including AS 4440 *Installation of nail-plated timber roof trusses* required by the National Construction Code (NCC)

- requirements of the National Association of Steel-framed Housing (NASH) Standards relevant to erecting roof trusses
- workplace quality policies and standards relevant to erecting roof trusses
- safety requirements for erecting roof trusses
- plans, specifications and drawings for erecting roof trusses
- types and uses of tools and equipment required to erect roof trusses
- materials used in roof truss erection
- quality requirements for roof trusses
- roof truss erection and construction techniques
- types of roof construction and components of roof trusses
- techniques for lifting and positioning trusses
- processes and requirements for the temporary and permanent bracing of roof trusses and elementary bracing principles for various shaped roofs
- types of timber and their structural properties and uses, including engineered timber products.

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>