



Australian Government

Assessment Requirements for CPCCCA3007 Construct pitched roofs

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Knowledge 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 CPCCCA3007C Construct pitched roofs.
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, constructing and erecting:
 - a skillion roof above 10 degrees for a structure of a minimum 10 square metres
 - a roof, or a series of roofs, together covering a minimum of 30 square metres, including:
 - a broken hip and valley
 - a gable end
 - a scotch valley
- setting-out:
 - a pattern rafter with birdsmouth, creeper reductions and eave over-hang
 - roof bevels
 - strutting beams and under purlins as required by span tables in *AS 1684 Residential timber-framed construction* and manufacturers' specifications.
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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 constructing pitched roofs, including AS 1684 Residential timber-framed construction
- workplace quality policies and standards relevant to constructing pitched roofs

- safety requirements relevant to constructing pitched roofs
- roofing frame construction techniques
- contents of, and terms and symbols used in plans, specifications and drawings for constructing pitched roofs
- types and uses of tools and equipment used for constructing pitched roofs
- processes, relevant to constructing pitched roofs, for:
 - setting out and measuring materials for frames
 - calculating material requirements
- materials relevant to constructing pitched roofs
- roofing set-out procedures
- types, structural properties and uses of timber, engineered timber products and steel for constructing pitched roofs
- characteristics and construction techniques of pitched roof types:
 - scotch valley
 - broken hip and valley
 - hip and valley
 - gable and verge
 - skillion
 - strut/props
- geometric development of bevels.

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 reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>