



Australian Government

Assessment Requirements for CPCCCA3009 Construct advanced roofs

Release: 2

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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 CPCCCA3009B Constructed advanced 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 constructing a roof, or a series of roofs, totalling a minimum of 30 square metres. These must include:

- a splayed end incorporating a hip end
- a splayed end incorporating a gable end
- incorporation of an octagonal end
- an intersection with another roof of a different pitch
- varying eave widths along the roof's length.

Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards, including AS:1684 Residential timber-framed construction, relevant to constructing advanced roofs
- workplace quality policies and standards relevant to constructing advanced roofs
- safety requirements for constructing advanced roofs
- types of tools and equipment required for constructing advanced roofs
- processes for determining the following for pattern rafters:
 - vertical height above birdsmouth
 - length of rafters for pitch of roof
 - pitch and plumb cut for rafters
- ridge boards:
 - abutment joints scarfed or butt jointed
 - those marked for rafter positions from wall plates
- plans, specifications and drawings for constructing advanced roofs

- processes for the calculation of material requirements for constructing advanced roofs
- roof calculations for lengths, quantities and pitch for constructing advanced roofs
- roof geometry
- roof set-out
- roof types and design.

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>