



Australian Government

Assessment Requirements for CPCCR3002 Tile irregular 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 equivalent to CPCCRT3002A Tile irregular roofs. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by:

tiling roof construction systems and structures, including:

- roofs constructed to irregular shaped plans where corners are not right-angled
- bastard valley
- eight hip hex
- splayed gable
- butt ridging
- mitred apex
- steep hip and valley roof (minimum 35° pitch)
- soldier course valley
- turrets
- unequal pitch surfaces
- Cape Cod
- mansard
- bellcast
- pyramid or four way apex
- openings in irregular roofs, including:
 - chimneys
 - roof ventilators
 - cupolas
 - dormer windows
 - two storey inserts
 - skylights
 - pipes
 - flues.

These roof construction systems and structures must include those with:

- metal battens and metal frame
- metal battens and timber frame
- timber battens and metal frame
- timber battens and timber frame.

All work must be performed to the standard required in the workplace and must comply with laws and regulations, the National Construction Code (NCC), Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

Knowledge Evidence

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

- compliance requirements of the NCC and Australian Standards for tiling irregular roofs
- workplace quality policies and standards for tiling irregular roofs
- safety requirements for tiling irregular roofs, including:
 - job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state and/or territory equivalent
 - safety data sheets (SDS)
 - personal protective equipment (PPE)
- environmental requirements for tiling irregular roofs
- characteristics and applications of roof tiling materials:
 - adhesives
 - concrete and terracotta tiles
 - fastenings and other mechanical fixings
 - flashings
 - bedding
 - sarking materials
 - timber and metal frames and battens
 - flexible pointing material
 - shingles
 - slate
 - storm seal/prestite
 - bed and point valleys
- types and uses of materials storage and environmentally friendly waste management
- measuring and marking for tiling irregular roofs
- types and uses of plans, drawings and specifications for tiling irregular roofs
- types and uses of tools and equipment for tiling irregular roofs
- processes for the calculation of materials requirements for tiling irregular roofs
- types and uses of roof construction systems and structures, and tiling considerations for irregular roofs, including:

- roofs constructed to irregular shaped plans where corners are not right-angled
 - bastard valley
 - eight hip hex
 - splayed gable
 - butt ridging
 - mitred apex
 - steep hip and valley roof (minimum 35° pitch)
 - soldier course valley
 - turrets
 - unequal pitch surfaces
 - Cape Cod
 - mansard
 - bellcast
 - pyramid or four way apex
 - openings in irregular roofs:
 - chimneys
 - roof ventilators
 - cupolas
 - dormer windows
 - two storey inserts
 - skylights
 - pipes
 - flues
- roof tiling techniques and processes.

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, materials, 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>