



Australian Government

Assessment Requirements for CPCPRF2022 Select and install roof sheeting and wall cladding

Release: 3

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Modification History

Release 3	This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5. Amended Performance Criteria 2.2, 4.2 and 5.2.
Release 2	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1. Typographical error corrected in Element 5 and Performance Evidence reformatted for clarity.
Release 1	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0. Supersedes and is not equivalent to CPCPRF2022A Select and install roof sheeting and wall cladding, and CPCPRF3021A Receive roofing materials. 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:

- installing steel claddings to structures not less than 2 metres wide and 1.5 metres long including:
 - a flat deck roof system to a pitch $\geq 1^\circ$ using concealed fixing method and installing safety wire mesh, blanket and foil
 - a pitched roof system $\geq 5^\circ$ using an approved pierced fixing method and incorporating:
 - a valley, hip, ridge and barge
 - thermal insulation containing a blanket and foil for fire management
 - a non-structural cladded roof over rigid support using concealed fixing method including valley, hip, ridge, barge and roof discharge detail and moisture control pliable membrane
 - a sandwich panel roof or wall over supports using pierced fixing method with a minimum of two panels
 - a non-metallic roof sheet using pierced fixing and installing safety wire mesh
 - wall cladding incorporating side lapping with one external and internal corner and toe mould and including:
 - an opening of 300 x 600 mm

- pliable building membrane.

Knowledge Evidence

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

- reading and interpreting plans, including electronic plans
- current standards and codes for roof sheeting and insulation:
 - HB39 Installation Code for metal roof and wall cladding
 - National Construction Code (NCC)
 - AS 1562 Design and installation of sheet roof and wall cladding
 - AS 4200.2 Pliable building membranes and underlays - Installation
 - AS 3999 Bulk thermal insulation - Installation
- calculation of material quantities
- receipt, storage, protection and checking quantities for delivery of roofing materials
- roof components:
 - insulation to meet thermal acoustic, moisture and fire control
 - safety mesh
 - rigid supports
 - roof and safety battens
 - fixings and fasteners
 - metal and non-metallic roofing sheets
 - sandwich panel
 - thermal breaks and approved sealants
- capillary action and thermal expansion
- corrosion control
- weathering
- unloading and storage of roof materials following manufacturers' instructions:
 - stacking dunnage
 - environmental protection
- conformity of materials against the delivery docket
- work health and safety (WHS) requirements:
 - working at heights
 - fragile materials
 - asbestos containing materials
 - selecting and installing roof sheeting and wall cladding
- overhead hazards
- installation in bushfire prone areas and requirements of The National Association of Steel-Framed Housing (NASH) Standard for construction in bushfire areas or AS 3959 *Construction of buildings in bushfire-prone areas*
- how to access relevant information, including codes and standards
- tools, materials and equipment used to select and install roof sheeting and wall cladding.

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>