



Australian Government

CPCPRF2024 Fabricate roof coverings for curved structures

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.
Typographical error corrected in Element and Performance Criteria 3.4.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPRF2024A Fabricate roof coverings for curved structures. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to design and fabricate curved industrial roof coverings.

It covers drawing fabrication patterns based on sketches of roof coverings, calculating curve dimensions and selecting roofing materials for new or existing, domestic or commercial structures.

The unit is suitable for people with basic skills and knowledge who undertake routine work tasks under the direction of more experienced workers.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

Unit Sector

Plumbing and Fire Services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Prepare for work. | 1.1 Determine requirements roof coverings to be designed and fabricated based on plans and specifications. |
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- 1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements and sustainability principles associated with fabricating roof coverings for curved structures.
 - 1.3 Consult with relevant personnel to plan and sequence tasks.
 - 1.4 Prepare work area to support efficient fabrication of roof coverings.
- 2 Identify installation requirements.
 - 2.1 Select roofing material that is suitable for the fabrication process, job requirements and relevant information.
 - 2.2 Ascertain curvature of roof covering and use to determine the starting and finishing points of curves.
 - 2.3 Create design and freehand sketch of the roof covering to form the basis of fabrication patterns.
 - 2.4 Draw fabrication patterns based on design and freehand sketch of roof covering.
- 3 Fabricate covering.
 - 3.1 Determine material list from patterns and calculations.
 - 3.2 Determine method of fabrication, tools and machinery for fabrication to suit job requirements.
 - 3.3 Select and check the serviceability of the appropriate tools, equipment and PPE reporting any faults according to workplace procedures.
 - 3.4 Mark out and fabricate roof covering according to drawings, patterns or calculations.
 - 3.5 Access information to complete documentation according to workplace procedures and submit within specified timeframes.
- 4 Clean up.
 - 4.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures.

- 4.2 Clean tools and equipment, check for serviceability reporting any damage, store and secure.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCPRF2024A Fabricate roof coverings for curved structures.

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>