



Australian Government

Assessment Requirements for CPCPCM3021 Flash penetrations through roofs and walls

Release: 1

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPCM3021A Flash penetrations through roofs and walls. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- flashing the following penetrations:
 - a square/rectangular penetration with sides greater than 300 mm through wall cladding
 - a square/rectangular penetration with sides greater than 300 mm through roof sheeting
 - a circular penetration greater than 200 mm diameter through roof sheeting.

Knowledge Evidence

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

- terminology relating to flashing penetrations
- electrolysis and the problems associated with using incompatible products
- compatibility of various roofing and wall cladding materials with different joining methods
- processes, procedures and techniques for:
 - flashing penetrations on various roof coverings
 - flashing penetrations on various wall claddings
 - fabricating and installing flashings to prevent leaking
- principles of:
 - capillary actions
 - thermal expansion
 - corrosion and preventative treatments
 - electrolysis and impact of using dissimilar metals and products
- how to access relevant information, including job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements
- tools, materials and equipment used to set out, cut and flash roof and wall penetrations

- work health and safety (WHS) requirements for setting out, cutting and flashing roof and wall penetrations.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed 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>