



Australian Government

**Assessment Requirements for
CPCPRF3022 Fabricate and install roof
drainage systems**

Release: 1

Assessment Requirements for CPCPRF3022 Fabricate and install roof drainage systems

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPRF3022A Fabricate and install roof drainage components. 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 using metal to fabricate and install:

- a valley gutter
- a fascia, including one internal and one external angle, that is attached to an approved support system and a minimum of three metres in length
- an eaves gutter, including:
 - gutter support system
 - nozzle
 - stop end
 - internal and external angle
 - fall
 - overflow measure
 - expansion allowance
- a downpipe, including:
 - offset
 - spreader
 - fixings
- a box gutter, including:
 - overflow measures
 - sump or rainwater head
 - expansion allowance
 - gutter support system
 - ridged support
 - fasteners and sealants.

Knowledge Evidence

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

- current standards and codes for roof drainage systems:
 - National Construction Code (NCC)
 - AS/NZS 3500 Plumbing and drainage Set
 - HB39 Installation code for metal roof and wall cladding
- types and sizes of gutters, downpipes and support system
- installation requirements:
 - appropriate falls
 - pitches
 - overflow measures
 - support and fixings
 - cross-sectional area
 - expansions allowances
 - environmental conditions
 - approved sealants and fixings
 - capillary action
 - electrolysis
- tools, materials and equipment used to fabricate and install roof drainage systems
- work health and safety (WHS) requirements for fabricating and installing roof drainage systems.

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>