



**Australian Government**

# **Assessment Requirements for CPCPWT3021 Set out and install water services**

**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 CPCPWT3021A Set out and install water services. 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 setting out, installing and testing:

- water services from a cold drinking water supply line to a shower, basin, bath, laundry trough and kitchen sink, and include a provision for a water heater
- a heated water supply line to a kitchen sink and laundry trough
- a tempered water supply line to a basin, shower and bath
- a non-drinking water supply to a water closet and hose tap.

## Knowledge Evidence

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

- processes and requirements of installing water piping systems:
  - proximity to other services
  - location of piping
  - depth of cover, bedding and backfill
  - insulation
  - protection
  - pipe support
  - identification of piping
  - sizing
- properties of water including density, viscosity, compressibility, boiling point and freezing point
- pressure and flow rates
- water supply backflow and cross-connection
- how to access relevant information, including codes and standards
- tools, materials and equipment used to set out and install water services
- work health and safety (WHS) requirements for setting out and installing water services.

## 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>