



Australian Government

Assessment Requirements for CPPHES4006

Assess household water use and efficiency improvements

Release: 2

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Modification History

Release 2 This version first released with CPP Property Services Training Package Release 14.0.

Updated reference to reflect correction in Modification History from CPC Property Services 5.0 to CPP Property Services 9.0.

Release 1 This version first released with CPC Property Services Training Package Release 5.0.

Supersedes and equivalent to CPPHSA4003A Assess household water use.
Updated to meet the Standards for Training Packages.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by safely conducting water use assessments and identifying efficiency improvements for three different households.

Knowledge Evidence

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

- alternative water harvesting, diversion and waste water (greywater, purple-water and blackwater) use technologies
- characteristics of external residential water services:
 - domestic irrigation and reticulation systems
 - evaporative coolers
 - greywater systems
 - recycled systems
 - swimming pools and spas
- characteristics of internal residential water services:
 - age
 - average daily use
 - capacity
 - condition
 - flow rate
 - leaks and drips
 - suitability for size of household

- water efficiency rating
- water saving features
- household water sources and water saving features
- impact of occupant behaviours on water consumption
- key requirements of relevant codes, standards, regulations and government incentive programs for water efficiency
- major indoor and outdoor services, systems, appliances, fittings contributing to household water use
- regulatory and jurisdictional requirements for water harvesting, recycled and greywater reuse
- relationship between greenhouse gas emissions and household water use
- safe work requirements for on-site assessments of household water use and potential hazards:
 - biological hazards associated with blackwater, purple-water and greywater
 - confined spaces
 - electricity
 - faulty appliances and electrocution
 - hazardous substances
 - types of personal protective equipment (PPE) to be used
- sources of data on domestic water use and costs:
 - water bills:
 - units of measurement and tariffs
 - water meters:
 - conventional and smart
- water efficiency and labelling standards (WELS) and strategies for improving household water efficiency
- water efficient gardening practices.

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.

Candidates must have access to:

- residential buildings to allow achievement of the performance evidence
- codes, standards, legislation and government programs relevant to water efficiency
- major internal and external residential water services, systems, appliances and fittings
- technical information on:
 - wastewater (blackwater, purple-water and greywater) use technologies
 - water services, systems, appliances and fittings

- water harvesting diversions
- PPE and water measurement and data collection tools and documentation.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>