



Australian Government

Assessment Requirements for CPCPPS5024

Conduct a water audit and identify water-saving initiatives

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 CPCPPS5024A Conduct a water audit and identify water-saving initiatives. 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:

- conducting a water audit, identifying water-saving initiatives for the following building types:
 - a minimum 50-unit residential building
 - a minimum 20 floor commercial office building incorporating a minimum of one toilet block per floor
 - a commercial laundry in a hospital or nursing home
- documenting and reporting on an audit report for each of the above building types.

Knowledge Evidence

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

- hazards associated with devices and systems used in the hydraulic sector
- installation methods used in hydraulic systems
- nature of materials and effect of their performance in a variety of conditions
- preparation and interpretation of plans and specifications
- requirements of Commonwealth, state or territory regulatory authorities, relevant Australian Standards and codes, manufacturer specifications, National Construction Code (NCC) and other relevant codes, standards and operating procedures
- terminology and definitions used in hydraulic design
- variety of applications of technology principles in design of water and energy-efficient usage systems for all classes of building
- work health and safety (WHS) requirements, including relevant statutory regulations, codes and standards
- performance requirements including maintenance of flow, velocity, pressure and discharge requirements of the client, using relevant Australian Standards, NCC or other relevant codes and standards

- alternative processes and practices for water saving
- rainwater harvesting which must include collection, storage and distribution of rainwater, including the use of tanks and dams
- water and energy audit reports.

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>