



Australian Government

Assessment Requirements for CPCPWT4022 Commission and maintain backflow prevention devices

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 CPCPWT4022A Commission and maintain backflow prevention devices. 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:

- testing and commissioning the following backflow prevention devices:
 - three different double check valves
 - one single (testable) check valve
 - two different registered air gaps (including different orifice sizes and inlet pressures)
 - three different reduced pressure zone devices
- removing and maintaining:
 - one double check valve
 - one reduced pressure zone device.

Knowledge Evidence

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

- basic hydraulics and mechanics relevant to backflow prevention devices in water services
- process of testing, commissioning and maintaining backflow prevention devices
- properties of water, including pressure and flow rates
- types of backflow prevention devices
- electrical safety
- how to access relevant information, including codes and standards
- tools, materials and equipment used to test, commission and maintain backflow prevention devices in water services
- work health and safety (WHS) requirements for testing, commissioning and maintaining backflow prevention devices in 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>