



Australian Government

# **CPCPWT3020 Connect and install storage tanks to a domestic water supply**

Release: 1

# CPCPWT3020 Connect and install storage tanks to a domestic water supply

## Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPWT3020A Connect and install storage tanks to a domestic water supply. Updated to meet the Standards for Training Packages 2012.

## Application

This unit specifies the skills and knowledge required to connect and install storage tanks to a domestic water supply.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

## Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

CPCPCM3023 Fabricate and install non-ferrous pressure piping

## Unit Sector

Plumbing and Fire Services

## Elements and Performance Criteria

| Elements describe the essential outcomes. | Performance criteria describe what needs to be done to demonstrate achievement of the element.                                                                                                    |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Identify installation requirements.     | 1.1 Access, read and determine storage tank installation requirements from job specifications, relevant Australian Standards, codes, manufacturers' instructions and jurisdictional requirements. |
|                                           | 1.2 Identify and apply workplace, work health and safety (WHS) and environmental requirements.                                                                                                    |

- |                                  |                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 Prepare for work.              | 2.1 Create a materials list and collect materials.                                                                                                                                   |
|                                  | 2.2 Select and check serviceability of appropriate tools and equipment including personal protective equipment (PPE).                                                                |
| 3 Install and test storage tank. | 3.1 Install storage tank and associated pipework according to job instructions or plans, manufacturers' instructions, relevant Australian Standards and jurisdictional requirements. |
|                                  | 3.2 Pressure test and commission installed storage tank according to relevant manufacturers' instructions, Australian Standards, job specifications and jurisdictional requirements. |
| 4 Clean up.                      | 4.1 Clear the work area and dispose of, reuse or recycle materials in accordance with state or territory legislation and workplace requirements.                                     |
|                                  | 4.2 Clean tools and equipment, check for serviceability and report any damage, and store and secure.                                                                                 |

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Unit Mapping Information

Supersedes and is equivalent to CPCPWT3020A Connect and install storage tanks to a domestic water supply.

## 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>

# Assessment Requirements for CPCPWT3020 Connect and install storage tanks to a domestic water supply

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## Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- connecting and commissioning an approved static water storage tank to a water distribution pipe system
- meeting the specified location and installation requirements including:
  - correct air gap
  - operational water level
  - overflow requirements
  - minimum outlet size
  - tank placement
  - safe tray and safe waste.

## Knowledge Evidence

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

- uses and limitations of materials involved in connecting and installing water storage tanks
- process for connecting static water storage tanks
- statutory and regulatory authority requirements:
  - correct air gap
  - operational water level
  - overflow requirements
  - minimum outlet size
  - tank placement
  - safe tray and safe waste
  - testing and commissioning
- how to access relevant information, including codes and standards

- tools, materials and equipment used to connect and install storage tanks to a domestic water supply
- work health and safety (WHS) requirements for connecting and installing storage tanks to a domestic water supply.

## **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>