



Australian Government

CPCPWT3028 Install property service

Release: 1

CPCPWT3028 Install property service

Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPWT3028A Install water service.
Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to install a property service from the authority water main up to and including the water meter assembly.

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

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.

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|---------------------------------------|---|
| 1 Identify installation requirements. | 1.1 Access, read and determine property service 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. |
| | 1.3 Determine location of property service and the main. |
| | 1.4 Identify cables, conduits, pipes or other services. |

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| 2 Prepare for work. | 2.1 Create a materials list and collect materials. |
| | 2.2 Select appropriate tools and equipment including personal protective equipment (PPE). |
| 3 Install, test and commission property service. | 3.1 Mark out and excavate for installation of property service. |
| | 3.2 Excavate point of connection to main. |
| | 3.3 Drill and tap main in accordance with relevant Australian Standards, codes and jurisdictional requirements. |
| | 3.4 Install property service. |
| | 3.5 Test and commission installation. |
| 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 CPCPWT3028A Install water service.

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 CPCPWT3028 Install property service

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Performance Evidence

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

- determining installation requirements
- tapping into a minimum DN100 mm water main
- connecting a property service to a water meter assembly
- testing and commissioning the installation.

Knowledge Evidence

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

- water meter installation
- drilling and tapping water main
- approved property service materials
- property service installation requirements
- types of water main materials
- corrosion control
- how to access relevant information legislation, including codes and standards
- tools, materials and equipment used to install a property service
- work health and safety (WHS) requirements for installing a property service.

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.

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