



Australian Government

**CPCPDR2025 Install stormwater and
sub-soil drainage systems and drain work
site**

Release: 2

CPCPDR2025 Install stormwater and sub-soil drainage systems and drain work site

Modification History

Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Changes to Elements and Performance Criteria 4.1.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is not equivalent to CPCPDR2024A Install stormwater and sub-soil drainage systems, and CPCPDR2025A Drain work site. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to install stormwater and sub-soil drainage systems to an approved point of discharge.

It includes the operation of pumps to temporarily or permanently drain a work site of unscreened roof water, sub-soil water and surface water.

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

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Plan the work.

1.1 Access, read and determine stormwater and drainage requirements from relevant job plans and specifications, codes, Australian standards, manufacturer's specifications and jurisdictional requirements.

- 1.2 Identify and apply workplace policies and procedures, 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 storm water and sub-soil drainage.
 - 3.1 Locate and set out position of stormwater and drainage and determine levels and gradients from set points.
 - 3.2 Excavate trench to specified depth and width and grade using manual or mechanical means.
 - 3.3 Measure, cut and install pipework to align with connection points.
 - 3.4 Conduct a pressure test on the stormwater installation.
 - 3.5 Fit covers and inspection openings.
- 4 Drain worksite.
 - 4.1 Position and construct sediment controls to meet environmental requirements.
 - 4.2 Install submersible pump in a sump or well with inlet and discharge point to the specified location and levels.
- 5 Clean up.
 - 5.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures.
 - 5.2 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 not equivalent to CPCPDR2024A Install stormwater and sub-soil drainage systems, and CPCPDR2025A Drain work site.

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>