



Australian Government

Assessment Requirements for CPCPDR3021 Plan layout and install below ground sanitary drainage systems

Release: 3

Assessment Requirements for CPCPDR3021 Plan layout and install below ground sanitary drainage systems

Modification History

- | | |
|-----------|--|
| Release 3 | This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.

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

Changes to Pre-requisite unit and Elements and Performance Criteria 1.3. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is not equivalent to CPCPDR3021A Plan layout of a residential sanitary drainage system, and CPCPDR3022A Install below ground sanitary drainage systems. 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:

- planning the layout and install a vented below-ground sanitary drainage system with a minimum length of 10 metres to connect a:
 - bathroom group including floor waste gully with fixtures connected
 - WC
 - laundry trough
 - kitchen sink
 - soil or waste stack to a minimum of two floor levels

The system must include inspection openings and shafts and connection to an approved point of discharge, provision for an overflow relief gully or reflux valve as required, and provision for articulation in drainage for soil movement.

- testing a sanitary drainage system
- cutting in a branch to an existing drain to connect a new WC or another fixture.
-

Knowledge Evidence

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

- terminology relating to the installation of below-ground sanitary drainage systems
- principles of drainage design and working drawings conventions, symbols and abbreviations
- trench support
- how to obtain, transfer and record levels and heights
- sewerage inspection chambers
- approved materials and their characteristics and application for the installation of below-ground sanitary drainage systems
- processes, procedures and techniques for the installation of below-ground sanitary draining systems, including identification of underground services and testing
- how to access relevant information, including location of underground services and codes and standards
- work health and safety (WHS) requirements for planning the layout and for installation of below-ground sanitary drainage systems.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed 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>