



Australian Government

CPCPDR4011 Design and size sanitary drainage systems

Release: 2

CPCPDR4011 Design and size sanitary drainage systems

Modification History

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

Performance Evidence formatted for clarity.

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

Supersedes and is equivalent to CPCPDR4011B Design and size sanitary drainage systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to design, size and document the layout of sanitary drainage systems for residential and commercial unit developments.

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

Pre-requisite Unit

Nil.

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 Identify system requirements.

1.1 Access, read and determine design requirements from plans, specifications, relevant manufacturer's requirements, Australian standards and jurisdictional requirements.

1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements.

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| | 1.3 | Determine fixtures, quantity, location and legal points of discharge. |
| 2 Design and size system layout. | 2.1 | Develop and size system layout in accordance with relevant manufacturer's requirements, Australian standards and jurisdictional requirements. |
| | 2.2 | Use the proposed design to identify and specify optimal materials required. |
| | 2.3 | Produce final system layout plans to relevant drawing design standards. |

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 CPCPDR4011B Design and size sanitary drainage systems.

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>