



Australian Government

CPCPSN4011 Design and size sanitary plumbing systems

Release: 1

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPSN4011B Design and size sanitary plumbing 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 plumbing systems for multi-floor residential buildings and commercial buildings.

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 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 sanitary plumbing system requirements. | 1.1 Access, read and determine design and size of sanitary plumbing system from plans, 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 quantity, location, fixtures and legal points of discharge. |

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| 2 Design and size system layout. | 2.1 Design and size system layout in accordance with relevant manufacturers' instructions, Australian Standards and jurisdictional requirements. |
| | 2.2 Use the proposed design to identify and specify optimal material requirements. |
| | 2.3 Produce final system layout plans according 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 CPCPSN4011B Design and size sanitary plumbing 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>