



Australian Government

CPCPFS3044 Install distribution and range pipes

Release: 2

CPCPFS3044 Install distribution and range pipes

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5
- Amended Performance Criteria 3.2.
 - Amended Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPFS3044A Install distribution and range pipes. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to install distribution and range pipes to carry all commonly used fire extinguishing agents, above and below ground. The installation may involve a new system or an alteration (extension or modification) to an existing system.

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.

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| 1 Identify installation requirements. | 1.1 Obtain, read and determine distribution and range pipes 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.

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| 2 Prepare for work. | 2.1 Create a materials list and collect materials. |
| | 2.2 Select and check the serviceability of appropriate tools and equipment, including personal protective equipment (PPE). |
| | 2.3 Prepare work area to support efficient installation of distribution and range pipes. |
| 3 Install piping system. | 3.1 Set out pipework and install pipe supports and fixings. |
| | 3.2 Piping and materials are installed according to design drawings, job specifications and standards. |
| | 3.3 Attach mechanical jointing systems. |
| | 3.4 Isolate and drain down system prior to installing pipework to avoid water damage when altering existing systems. |
| | 3.5 Reinstate after completing works for water tightness. |
| | 3.6 Complete documentation and submit within required timeframes. |
| 4 Clean up. | 4.1 Clear the work area and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures. |
| | 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 CPCPFS3044A Install distribution and range pipes.

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>