



Australian Government

CPCPFS3037 Install residential life safety sprinkler systems

Release: 2

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Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Performance Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPFS3037A Install domestic and residential life safety sprinkler systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to install residential life safety fire sprinkler systems.

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 Identify installation requirements.	1.1 Obtain, read and apply residential sprinkler systems 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. |
| 3 Install and test system components. | 3.1 Set out system and apply fixings. |
| | 3.2 Connect assemblies, devices, alarms, piping and materials. |
| | 3.3 Apply jointing systems to components |
| | 3.4 Install relevant fire sprinkler heads according to plans and specifications. |
| | 3.5 Undertake a hydrostatic pressure-test to ensure integrity of pipework. |
| | 3.6 Record test data in required format. |
| | 3.7 Complete documentation according to relevant regulatory requirements. |
| 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, 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 CPCPFS3037A Install domestic and residential life safety sprinkler 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>