



Australian Government

CPCPFS3031 Fabricate and install fire hydrant and hose reel systems

Release: 2

CPCPFS3031 Fabricate and install fire hydrant and hose reel systems

Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1
- Supersedes and is equivalent to CPCPFS3031A Fabricate and install fire hydrant and hose reel systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to fabricate and install fire hydrant and hose reel systems on new or existing structures.

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

CPCPCM3023 Fabricate and install non-ferrous pressure piping

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 Access, read and apply fire hydrant and hose reel 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). |
| 3 Fabricate, install and test system. | 3.1 | Set out system to relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements. |
| | 3.2 | Connect fire brigade suction and booster arrangement. |
| | 3.3 | Fit all pipework and pipe supports. |
| | 3.4 | Connect fire hydrant valves, hose reels and ancillary equipment. |
| | 3.5 | Perform hydrostatic test on installation. |
| | 3.6 | Complete documentation according to relevant regulatory requirements. |
| 4 Clean up. | 4.1 | Clear the work area and dispose of any materials in accordance with state and territory legislation and workplace procedures. |
| | 4.2 | Clean, check for serviceability and store and secure plant, equipment and tools reporting any damage to designated personnel. |

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 CPCPFS3031A Fabricate and install fire hydrant and hose reel 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>