



**Australian Government**

# **CPCPFS3038 Test and maintain fire hydrant and hose reel installations**

**Release: 3**

# CPCPFS3038 Test and maintain fire hydrant and hose reel installations

## Modification History

- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.
- PC2.1 Identify and calculate materials required to complete the task.
  - PC2.2 Identify potential hazards and determine and implement control measures and personal protective equipment (PPE) requirements.
  - PC2.3 Determine job priorities and sequence job tasks in consultation with others on site.
- The PCs have been repositioned to be consistent with the related CPCPFS sector units of competency.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
- Knowledge 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 CPCPFS3038A Test and maintain fire hydrant and hose reel installations. Updated to meet the Standards for Training Packages 2012.

## Application

This unit of competency specifies the skills and knowledge required to conduct routine service, maintain and repair fire hydrant and hose reel installations, in accordance with AS 1851 Routine inspection of fire protection systems and equipment. It excludes fire pump performance and booster connection flow testing. It applies to people who work on new or existing structures in commercial and residential settings.

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 Plan the work.    | 1.1 Access, read and apply fire hydrant and hose reel requirements relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements. |
|                     | 1.2 Identify and apply organisational work health and safety (WHS), including sign in, environmental requirements.  |
| 2 Prepare for work. | 2.1 Identify and calculate materials required to complete the task.   |
|                     | 2.2 Identify potential hazards and determine and implement control measures and personal protective equipment (PPE) requirements.   |
|                     | 2.3 Determine job priorities and sequence job tasks in consultation with others on site.  |
|                     | 2.4 Select and check serviceability of appropriate tools, equipment and PPE.  |
|                     | 2.5 Receive and check materials against the docket and order form for correct product, compliance with standards and acceptable condition and action discrepancies.                                   |
|                     | 2.6 Apply AS 1851 Routine service of fire protection systems and equipment (Section 1) and routine service requirements for fire hydrant and hose reel installation.                                  |
|                     | 2.7 Confirm correct location of fire protection systems and equipment in accordance with AS 2419 Fire hydrant installations system design, installation and commissioning.                            |
| 3 Test, repair and  | 3.1 Isolate system interfaces.  |

- replace faulty components and perform systems checks.
- 3.2 Carry out routine service up to five yearly frequency and maintenance tasks as detailed in AS 1851 Routine service of fire protection systems and equipment.
  - 3.3 Identify faulty items or components and choose appropriate service procedure.
  - 3.4 Remove faulty items or components, using appropriate tools and equipment and rectify.
  - 3.5 Complete documentation according to workplace procedures and submit within specified 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 CPCPFS3038A Test and maintain fire hydrant and hose reel installations.

## 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>