



Australian Government

CPCPFS3041 Inspect and test fire pumpsets

Release: 2

CPCPFS3041 Inspect and test fire pumpsets

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
- Changes to Elements and Performance Criteria 2.1, 2.3 and 3.8.
Performance Evidence is 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 CPCPFS3041A Inspect and test fire pumpsets. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to complete monthly and six-monthly routine service procedures according to AS 1851 Routine service of fire protection systems and equipment in new or existing, residential or commercial buildings to verify that fire pumpsets function as intended.

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

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 Plan and apply compliance requirements to service operations. | 1.1 Identify and confirm current legislative and industry requirements against organisational service operations and adjust as required to ensure compliance. |
| | 1.2 Interpret and follow the requirements of section 1 of AS 1851 Routine service of fire protection systems and |

- equipment.
- 1.3 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements and sustainability principles.
 - 1.4 Confirm schedule and entry to premises at arranged time with appropriate personnel and site contact.
 - 1.5 Check location and equipment for compliance with legislative and industry requirements and take action according to organisational requirements to ensure compliance.
 - 1.6 Prepare for functional inspection and testing according to identified requirements.
- 2 Conduct monthly and six-monthly inspections and record results.
- 2.1 Notify appropriate site contact of entry and follow site procedures for notifying occupants and/or staff of planned fire sprinkler system test.
 - 2.2 Apply appropriate workplace procedures and risk control measures when inspecting fire pumpsets.
 - 2.3 Use manufacturers' instructions to identify functions of fire pumpset controls and conduct inspections and tests.
 - 2.4 Isolate or disable plant and other system interfaces.
 - 2.5 Perform visual inspections according to AS 1851 Routine service of fire protection systems and equipment.
 - 2.6 Record fire pumpset inspection results according to AS 1851 Routine service of fire protection systems and equipment.
- 3 Conduct monthly and six-monthly tests and record results.
- 3.1 Implement test methods for monthly and six-monthly testing.
 - 3.2 Perform routine test procedures according to the required frequency schedule to verify that the system functions as intended.
 - 3.3 Compare test results with manufacturer, legislative and industry requirements.

- 3.4 Document results according to AS 1851 Routine service of fire protection systems and equipment.
 - 3.5 Identify, record and report any defects or non-conformances in accordance with AS 1851 Routine service of fire protection systems and equipment.
 - 3.6 Complete and forward report to relevant persons for action.
 - 3.7 Reinstate system and system interfaces according to organisational requirements.
 - 3.8 Notify site contact of completion of test and follow site procedures for notifying occupants and/or staff.
- 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 CPCPFS3041A Inspect and test fire pumpsets.

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>