



Australian Government

CPPFES2037 Inspect and test fire hydrant systems

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 13.0.

Supersedes and is equivalent to CPPFES2037A Inspect and test fire hydrant systems. Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to complete six-monthly and yearly inspection and testing procedures to verify that hydrant systems function as intended. It includes working safely while conducting compliance tests, visual inspection, identifying non-compliance defects, fulfilling mandatory reporting requirements, and isolating and resetting hydrant systems. Service activities are conducted in compliance with requirements of the relevant Australian Standards and National Construction Code (NCC).

The unit does not cover water supply proving tests on hydrant systems, or inspection and testing functions associated with pressure-reducing equipment in high rise buildings, fire pumpset systems or water supply tanks.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

Nil.

Unit Sector

Fire Protection Inspection and Testing

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 and prepare for service operation.

1.1 Read work instructions to clarify service timeframes, client needs, and site and fire hydrant system locations.

- 1.2 Discuss planned service procedures with relevant persons to clarify client needs and expectations.
 - 1.3 Plan work activities to comply with relevant Australian Standards, NCC, regulatory, work health and safety (WHS) and workplace requirements.
 - 1.4 Identify potential and actual breaches of rules and regulations associated with work instructions and take required action to ensure compliance according to regulatory and workplace requirements.
 - 1.5 Select and use required tools and equipment, including personal protective equipment (PPE).
 - 1.6 Arrange access to worksite and communicate with responsible entity and affected persons to advise duration and impact of planned service procedures and to ensure alternative safety arrangements are implemented.
 - 1.7 Identify and prepare to control hazards in the work area according to workplace requirements.
- 2 Inspect fire hydrant system.
 - 2.1 Inspect fire hydrant system following the six-monthly and yearly maintenance schedules specified in the relevant Australian Standard.
 - 2.2 Identify defects, non-compliances and potential and actual impediments to performance of the fire hydrant system according to regulatory and workplace requirements.
 - 2.3 Record inspection results according to regulatory and workplace requirements.
- 3 Test fire hydrant system.
 - 3.1 Identify and isolate pumpset and other system interfaces to enable testing procedures to regulatory and workplace requirements.
 - 3.2 Complete six-monthly and yearly testing procedures to verify system functions following the maintenance schedules specified in the relevant Australian Standard.
 - 3.3 Record test results according to regulatory and workplace requirements.

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| 4 Finalise service operation. | 4.1 Reinstall fire hydrant system to full operational condition according to workplace requirements. |
| | 4.2 Complete service documentation and report outstanding defects, non-compliances and potential or actual impediments to system performance according to Australian Standards, regulatory and workplace requirements. |
| | 4.3 Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements. |
| | 4.4 Leave client premises in a clean and tidy condition. |

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 CPPFES2037A Inspect and test fire hydrant systems.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>