

Unit of Competency

CPPFES2010 Inspect and test fire hose reels

Modification history

Release	Comments
1	Supersedes and is equivalent to CPPFES2010A Inspect and test fire hose reels. Unit updated to meet the Standards for Training Packages 2012. This version first released with CPP Property Services Training Package Release 13.0.

Application

This unit of competency specifies the skills and knowledge required to inspect and test fire hose reels at client premises, and replace hoses and drums. The replacement procedures apply to existing risers fitted with a control valve. Service activities are conducted in compliance with requirements of the relevant Australian Standards and National Construction Code (NCC).

The unit does not apply to any maintenance, replacement or repair functions that are restricted to licensed trades or occupations.

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.

Unit Sector

Fire Protection Inspection and Testing

Elements and Performance Criteria

1. Plan and prepare for service operation.	<ul style="list-style-type: none">1.1 Read work instructions to clarify service timeframes, client needs, and site and equipment 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 and test fire hose reel.	<ul style="list-style-type: none">2.1 Inspect fire hose reel and installation location according to maintenance schedule of relevant Australian Standard and

	<p>regulatory requirements.</p> <p>2.2 Test fire hose reel according to maintenance schedule of relevant Australian Standard and regulatory requirements.</p> <p>2.3 Report identified defects and any potential or actual regulatory non-compliances according to workplace requirements.</p>
3. Replace and commission fire hose reel assembly.	<p>3.1 Replace fire hose reel assembly according to manufacturer requirements, relevant Australian Standards, regulatory and workplace requirements.</p> <p>3.2 Commission replaced fire hose reel according to relevant Australian Standards.</p>
4. Finalise service operation.	<p>4.1 Complete service records and report outstanding defects, non-compliances and recommended rectifications according to Australian Standards, regulatory and workplace requirements.</p> <p>4.2 Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements.</p> <p>4.3 Leave client premises in a clean and tidy condition.</p>

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 CPPFES2010A Inspect and test fire hose reels.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPFES2010 Inspect and test fire hose reels

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by inspecting and testing 20 fire hose reels at a minimum of five different sites:

- five of these fire hose reels must be installed in a recess, cupboard or cabinet
- a total of two regulatory non-compliances associated with access, usability or coverage of the installed fire hose reels must be identified and documented.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- action to take when a breach of regulation, work health and safety (WHS) or other policy occurs when inspecting and testing fire hose reels
- implications of not complying with regulatory requirements when inspecting, testing and replacing fire hose reels
- key features of legislation, regulations, codes and Australian Standards relevant to the inspection, testing and replacement of fire hose reels:
 - environmental protection
 - maintenance schedules
 - National Construction Code (NCC) and deemed-to-satisfy requirements
 - reasons why activities related to work on reticulated water systems are restricted to licensed plumbers
 - records and documentation
 - steps and processes to be followed when unusual or non-documented faults are found
- methods for conducting flow testing
- types and purpose of tools, equipment and materials used when inspecting and testing fire hose reels:
 - hand and power tools
 - flow testing equipment
 - personal protective equipment (PPE)
- types and purpose of fire hose reels:
 - recess-mounted
 - swing-hinged
 - wall-mounted
- types and purpose of fire hose reel components:
 - clamps

- o hoses
- o labels
- o nozzles
- o O-rings
- o valves
- types of defects that may be discovered when inspecting and testing fire hose reels
- types of fire hose reel repair and replacement activities which must be referred to a licensed tradesperson
- workplace requirements for inspecting and testing fire hose reels:
 - o maintenance of tools and equipment
 - o WHS, including hazard and risk identification and control.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to documentation, tools, equipment, spare parts and operational fire hose reels required to achieve the performance evidence.

Links

Companion Volume Implementation Guide:

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