



Australian Government

Assessment Requirements for CPPFES2029

Conduct functional tests on fire detection, warning and intercommunication devices

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 CPPFES2029A Conduct functional tests on fire detection, warning and intercommunication devices. Unit upgraded to meet industry requirements and updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by conducting inspection, testing and preventive maintenance for the yearly schedule according to the current Australian Standard on the following systems:

- fire detection and alarm system that consists of both conventional and addressable devices installed to *AS 1670.1 Fire detection, warning, control and intercom systems – System design, installation and commissioning – Fire* (or its successor)
- warning sound and intercommunication system for emergency purposes installed to comply with:
 - *AS 1670.4 Fire detection, warning, control and intercom systems – System design, installation and commissioning – Emergency warning and intercom systems* (or its successor)
 - *AS 2220 Rules for emergency warning and intercommunication systems in buildings* (or its successor).

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, testing and maintaining fire detection, warning and intercommunication devices
- basic operation and purpose of fire detection, warning and intercommunication devices
- common controls and indicators on fire control and indicating equipment (CIE)
- environmental conditions that cause fire detection, warning and intercommunication devices to create false alarms or fail to operate
- hazards and risks typically encountered when inspecting, testing and maintaining fire detection, warning and intercommunication devices, and the control measures for each

- implications of not complying with regulatory requirements when inspecting, testing and maintaining fire detection, warning and intercommunication devices
- key features of legislation, regulations, codes and Australian Standards relevant to inspection, testing and preventive maintenance of fire detection, warning and intercommunication devices:
 - maintenance schedules
 - National Construction Code (NCC) and deemed-to-satisfy requirements
 - records and documentation
- key functional differences between conventional and addressable fire detection, warning and intercommunication devices
- location requirements for fire detection, warning and intercommunication devices
- methodology used to conduct inspection, testing and preventive maintenance on fire detection, warning and intercommunication devices
- safety requirements for handling, storing, connecting and disposing of batteries used in CIE
- types of electrical safeguards used to protect persons and property when inspecting, testing and maintaining fire detection, warning and intercommunication devices
- types and purpose of tools and equipment used when inspecting, testing and maintaining fire detection, warning and intercommunication devices:
 - personal protective equipment (PPE)
 - replacement batteries
 - servicing tools and test devices
- workplace requirements for inspecting, testing and maintaining fire detection, warning and intercommunication devices:
 - maintenance of tools and equipment
 - 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 drawings, documentation, tools, equipment and installed fire detection, warning and intercommunication devices required to achieve the performance evidence.

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>