



Australian Government

Assessment Requirements for CPPFES2047 Inspect and test control and indicating equipment

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 CPPFES2047A Inspect and test control and indicating equipment. 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 inspecting and testing control and indicating equipment (CIE) installed across 10 different sites and specifically interfaced to different fire-suppression systems:

- conventional fire indicating panels and microprocessor analogue fire indicating panel fire detection systems
- fire alarm systems that comply with *AS 1670.1 Fire detection, warning, control and intercom systems - Fire* (or its successor)
- emergency warning and intercommunication systems that 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)
- fire alarm systems interfaced with activating mechanisms of a fire-suppression system.

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), ozone depleting substances (ODS), synthetic greenhouse gases (SGG) or other policy occurs when inspecting and testing CIE
- common controls and indicators on CIE
- detection and warning components connected to CIE
- environmental conditions that cause actuators to create false alarms
- implications of not complying with regulatory requirements when inspecting and testing CIE
- key features of legislation, regulations, codes and Australian Standards relevant to inspecting and testing CIE:
 - environment protection, ODS and SGG emission requirements
 - extinguishing agent handling licence (EAHL) requirements

- intent of the Australian Standard for the maintenance of fire protection systems and equipment in relation to CIE inspect and test operations, and requirements of the monthly and six-monthly maintenance schedules relevant to conventional and addressable CIE
- National Construction Code (NCC) and deemed-to-satisfy requirements
- records and documentation
- key functional differences between a conventional and addressable CIE
- key operational principles of CIE specifically interfaced to fire-suppression systems
- local controls (LC), local control stations (LCS), aural alarms, visual warning devices (VWD) and actuators on fire-suppression systems interfaced to CIE
- operation of actuators
- types, purpose of and safety requirements of tools, equipment and testing devices used when inspecting and testing CIE:
 - hand and power tools
 - personal protective equipment (PPE)
 - testing devices: barcode readers, safety equipment and simulator actuators
- types of electrical safeguards used to protect persons and property when inspecting and testing CIE
- workplace requirements for inspecting and testing CIE:
 - maintenance of tools, equipment and testing devices
 - 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, testing devices and installed CIE 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>