



Australian Government

Assessment Requirements for CPPFES2039

Identify, inspect and test passive fire and smoke containment products and 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 CPPFES2039A Identify, inspect and test passive fire and smoke containment products and systems. Unit 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 identifying, inspecting and testing passive fire and smoke containment products and systems installed to protect service penetrations and control joints in five different buildings.

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 identifying, inspecting and testing passive fire and smoke containment products and systems
- dangers of incorrect installation of passive fire and smoke containment products and systems
- implications of not complying with regulatory requirements when inspecting and testing passive fire and smoke containment products and systems
- key features of legislation, regulations, codes and Australian Standards relevant to identifying, inspecting and testing passive fire and smoke containment products and systems:
 - maintenance schedules
 - National Construction Code (NCC) and deemed-to-satisfy requirements
 - records and documentation
- operational requirements for inspecting and testing passive fire and smoke containment products and systems
- passive fire and smoke containment variables, including types, products and solutions
- principles of passive fire protection related to overall fire safety systems
- procedures for determining fire resistance levels
- technical terms relating to inspecting and testing passive fire and smoke containment products and systems

- types of damage, defects and modifications to fire and smoke stopping products and systems that may cause loss of fire resistance
- types, purpose and key physical features of a range of passive fire and smoke containment products and systems:
 - access panels and hatches
 - ceiling and partition systems
 - control and expansion joints
 - duct and damper penetration protection
 - duct fireproofing and protection
 - fabric and timber protection, including impregnated or sprayed
 - fire-resistant mortars and grouts, including load bearing and non-load bearing
 - fire-resistant pillows, including intumescent and non-intumescent
 - fire stop collars, including cast in, retrofit and wall
 - fire-rated air transfer grilles
 - fire-rated sealants, caulks and putties, including acrylic, polyurethane and silicone
 - fire-resistant boards, including calcium silicate and vermiculite
 - industrial fire protection
 - intumescent dampers and seals
 - intumescent paints and coatings, other than those used for fireproofing structural steel
 - linear gaps seals, including impregnated foams, tapes, intumescent gaskets and sealants
 - materials into or onto which passive fire and smoke containment products are installed
 - mechanical and intumescent fire dampers
 - openings in structural elements
 - penetration solutions
 - protection against spread of flame
 - smoke dampers
 - structural steel fireproofing
 - unplasticised polyvinyl chloride (UPVC) and plumbing penetrations
- workplace requirements for identifying, inspecting and testing passive fire and smoke containment products and systems:
 - 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 and installed passive fire and smoke containment products and systems 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>