Australian Government

Assessment Requirements for CPPFES2021 Inspect, test and maintain fire extinguishers

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 CPPFES2021A Inspect, test and maintain fire extinguishers. Unit updated to meet the Standards for Training Packages 2012. Updated licensing statement.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by inspecting, testing and maintaining ten fire extinguishers involving three of the following types:

- water
- foam
- dry chemical
- wet chemical.

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 extinguishers
- concept of hydrostatic pressure testing
- dangers of mixing powder extinguishing agents within extinguishers
- disposal requirements for waste products from recharging and testing procedures
- key features of legislation, regulations, codes and Australian Standards relevant to inspecting, testing and maintaining fire extinguishers:
  - environmental protection associated with discharge of foam and vaporising liquid agents that are listed as ozone depleting substances (ODS) and synthetic greenhouse gases (SGG)
  - key procedures and licence requirements detailed in ODS and SGG code of practice relevant to handling, transporting, inspecting and testing extinguishers with ODS and SGG agents
  - maintenance schedules
  - records and documentation
- implications of applying incorrect servicing procedures

- implications of not complying with regulatory requirements when inspecting, testing and maintaining fire extinguishers
- methods for handling, decanting, reclaiming and storing extinguishing agents
- methods for identifying:
  - componentry and agent fill requirements for an extinguisher to be maintained at original approval requirements
  - containers that do not comply with applicable Australian Standards, regulations and codes
  - different powder extinguishing agents
  - spare parts for extinguishers serviced, including how and where the spare part is applied
- purpose and operation of major extinguisher components
- reasons and methods for preventing ODS and SGG emissions in the workplace
- test pressures for different extinguishers
- types and purpose of tools and equipment used when inspecting, testing and maintaining fire extinguishers:
  - hand and power tools
  - hydrostatic test equipment
  - recharge equipment
  - safety cages
  - scales
  - personal protective equipment (PPE)
- types of permitted inspection and testing activities specified in the three, five and six-yearly maintenance schedules for fire extinguishers:
  - inspecting the condition of all parts for damage, corrosion and blockages
  - testing the discharge action and actuating devices
  - depressurising and dismantling extinguishers
  - repairing and replacing components and seals
  - hydrostatic pressure testing of extinguishers as permitted
  - reassembling, filling or recharging, pressurising and leak testing extinguishers
  - reinstating extinguishers ready for use
- workplace requirements for inspecting, testing and maintaining fire extinguishers:
  - 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 documentation, tools, equipment, spare parts and fire extinguishers 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