



Australian Government

Assessment Requirements for CPCPFS4026 Commission firefighting appliances

Release: 1

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPFS4026A Commission firefighting appliances. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- commissioning firefighting appliances, including portable fire appliances, wheeled fire extinguishers, delivery lay flat hose and fire hose reel systems for a residential building of a minimum four storeys on a new or existing structure.

Knowledge Evidence

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

- current Australian standards applicable to relevant appliances including:
 - AS/NZS 1841.1 Portable fire extinguishers General requirements
 - AS/NZS 1850 Portable fire extinguishers - Classification, rating and performance testing
 - AS 1851-2012 Routine service of fire protection systems and equipment
 - AS2441 Installation of fire hose reels
 - AS2444 Portable fire extinguishers and blankets -selection and location
 - AS/NZS3504 Fire blankets
 - AS3565 Meters for water supply
 - AS4077 Fire protection fire extinguishing media: halogenated hydrocarbons Specifications for halon 1211 and halon 1301
 - AS4077 Fire protection fire extinguishing media: Code of practice for safe handling and transfer procedures of halon 1211 and halon 1301
 - AS4078 Fire protection fire extinguishing media: carbon dioxide
 - AS4265 Wheeled fire extinguishers
 - AS/NZS4353 Portable fire extinguishers - aerosol type
- components and materials of firefighting equipment and appliances including:
 - delivery lay flat fire hose
 - fire blankets

- fire hose reel systems
- portable fire appliances
- wheeled fire extinguishers
- job safety analysis (JSA) and safe work method statements (SWMS)
- pressure requirements of hose reel systems
- process of installing, testing and commissioning firefighting equipment and appliances
- relevant statutory requirements and authorities related to commissioning firefighting equipment and appliances including:
 - Commonwealth government
 - state governments
 - territories
 - local authorities
 - codes of practice
 - acts and regulations
 - Environment Protection Authority (EPA)
- quality assurance requirements including:
 - internal company quality assurance policy and risk management strategy
 - International Standards Organisation (ISO)
 - site safety plan
 - workplace operations and procedures
- sources of information and processes for the calculation of requirements including:
 - SI system of units
- safe work practices associated with commissioning firefighting appliances including:
 - handling of materials
 - hazard control
 - personal protective clothing and equipment prescribed under legislation, regulations and workplace policies and practices
 - working with electricity
 - use of first aid equipment
- environmental requirements and sustainability principles including:
 - clean-up protection
 - stormwater protection
 - waste management
 - efficient energy use
 - efficient use and recycling of material.
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Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>