

Unit of Competency

CPPFES2004 Identify and report on types of installed fire safety equipment and systems

Modification history

Release	Comments
1	Supersedes and is equivalent to CPPFES2004A Identify types of installed fire safety equipment and systems. Unit updated to meet the Standards for Training Packages 2012. Minor change to title. This version first released with CPP Property Services Training Package Release 13.0.

Application

This unit of competency specifies the skills and knowledge required to accurately identify and report on a range of fire safety systems and equipment installed at client premises and their purpose and function. It applies to fire protection technicians who interact with clients to discuss fire protection service needs.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. For further information, check with the relevant regulatory authority.

Unit Sector

Fire Protection Inspection and Testing

Elements and Performance Criteria

1. Identify first response equipment.	1.1 Identify portable fire extinguishers according to types, extinguishants, expellants, colour-coding, labelling and location signs. 1.2 Identify wheeled fire extinguishers according to types, extinguishants, expellants, standardised colour coding and labelling requirements. 1.3 Identify types of fire hose reels according to function and location signs. 1.4 Identify types of delivery layflat fire hoses according to class, size and construction. 1.5 Identify types of delivery layflat fire hose couplings according to type and construction. 1.6 Identify fire blankets and fire blanket containers according to function and location signs.
2. Identify fire hydrants, pumpsets and water storage tanks for fire protection systems.	2.1 Identify major components of fire hydrant systems according to function. 2.2 Identify fire pumpsets according to function. 2.3 Identify water storage tanks according to function.
3. Identify passive fire protection products and systems.	3.1 Identify fire and smoke door sets according to function and tags. 3.2 Identify service penetration products according to function and tags.
4. Identify automatic	4.1 Identify automatic sprinkler alarm systems according to function.

fire-suppression systems.	4.2 Identify pre-engineered fire-suppression systems according to function. 4.3 Identify gaseous fire-suppression systems according to function.
5. Identify electrical life safety systems and equipment.	5.1 Identify automatic fire detection and alarm systems according to function. 5.2 Identify smoke and heat alarms according to function. 5.3 Identify emergency warning systems according to function. 5.4 Identify emergency intercom systems according to function. 5.5 Identify emergency exit and lighting units.
6. Report on installed fire safety systems and equipment.	6.1 Discuss with relevant persons the types of fire safety systems and equipment installed in premises, their purpose and function. 6.2 Record details of fire safety systems and equipment installed in premises using workplace documentation.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPPFES2004A Identify types of installed fire safety equipment and systems.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPFES2004 Identify and report on types of installed fire safety equipment and systems

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by identifying and reporting on the types of fire safety equipment and systems installed at two different sites.

Knowledge Evidence

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

- purpose and range of Australian colour-coding system for portable and wheeled fire extinguishers, including pictographs
- purpose, types and operation of:
 - automatic fire detection and alarm systems
 - automatic sprinkler alarm systems
 - delivery layflat fire hoses
 - emergency exits and lighting units and systems
 - fire and smoke door sets
 - fire blankets
 - fire hose reels
 - fire pumpsets
 - gaseous fire-suppression systems
 - intercom systems for emergency purposes
 - major components of fire hydrant systems
 - portable and wheeled fire extinguishers
 - pre-engineered fire-suppression systems
 - service penetration products
 - smoke and heat alarms
 - sound systems for emergency purposes.

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, equipment, sites and installed fire safety systems and equipment required to achieve the performance evidence.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>