



Australian Government

CPPFES2027 Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems

Release: 1

CPPFES2027 Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems

Modification History

- Release 1 This version first released with CPP Property Services Training Package Release 13.0.
- Supersedes and is equivalent to CPPFES2027A Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems. Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to inspect, test and maintain pre-engineered foam, wet chemical, powder or water mist fire-suppression systems. Service activities are conducted according to the relevant Australian Standard and manufacturer requirements for the installed system.

The unit does not cover any installation, replacement, maintenance or repair functions that are restricted to licensed trades or occupations.

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.

Pre-requisite Unit

Nil.

Unit Sector

Fire Protection Inspection and Testing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Plan and prepare for service operation. | 1.1 Read work instructions to clarify service timeframes, client needs, and site and equipment locations. |
| | 1.2 Discuss planned service procedures with relevant persons |

- to clarify client needs and expectations.
- 1.3 Plan work activities to comply with relevant Australian Standards, regulatory, work health and safety (WHS) and workplace requirements.
 - 1.4 Clarify system type and application, extinguishing agent and method of operation to identify potential and actual breaches of rules and regulations and take required action to ensure compliance according to regulatory and workplace requirements.
 - 1.5 Select and use required tools and equipment, including personal protective equipment (PPE).
 - 1.6 Arrange access to worksite and communicate with responsible entity and affected persons to advise duration and impact of planned service procedures and to ensure alternative safety arrangements are implemented.
 - 1.7 Identify and prepare to control hazards in the work area according to workplace requirements.
- 2 Inspect and survey installed non-gaseous pre-engineered fire-suppression system.
 - 2.1 Locate and inspect fire-suppression system components according to function and manufacturer requirements.
 - 2.2 Locate and inspect auxiliary shutdown devices of fire-suppression system or equipment interfaces and alarm devices forming part of the system.
 - 2.3 Identify and record changes to the system and protected space or its use that do not comply with the relevant Australian Standard or original installation requirements.
 - 3 Test installed non-gaseous pre-engineered fire-suppression system.
 - 3.1 Carry out system testing procedures according to the relevant maintenance schedule specified in Australian Standards and manufacturer requirements.
 - 3.2 Record test results and identified defects according to regulatory and workplace requirements.
 - 4 Maintain and repair installed non-gaseous pre-engineered
 - 4.1 Carry out system maintenance procedures according to the relevant maintenance schedule, manufacturer and workplace requirements.

fire-suppression system.	4.2	Report and repair or replace defective equipment or extinguishant according to manufacturer and workplace requirements.
	4.3	Record maintenance results and details of defective components according to regulatory and workplace requirements.
5 Finalise service operation.	5.1	Reinstate fire-suppression system as fully operational according to manufacturer requirements.
	5.2	Complete service documentation detailing outstanding defects and recommended rectifications according to Australian Standards, regulatory and workplace requirements.
	5.3	Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements.
	5.4	Leave client premises in a clean and tidy condition.

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 CPPFES2027A Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems.

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>