



Australian Government

CPPFES3042 Install and commission pre-engineered fire-suppression systems

Release: 1

CPPFES3042 Install and commission 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 CPPFES3042A Install and commission 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 install and commission pre-engineered fire-suppression systems. It includes verifying that systems are installed and operate as intended according to the requirements of system manufacturers and relevant Australian Standards.

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

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

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.

1 Interpret and comply with manufacturer and regulatory

1.1 Interpret work instructions and manufacturer's specifications to determine installation timeframes, location and requirements for type of pre-engineered

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| requirements for installation. | | fire-suppression system. |
| | 1.2 | Discuss planned installation procedures with relevant persons to clarify client needs and expectations. |
| | 1.3 | Plan work activities to comply with manufacturers' specifications, relevant Australian Standards and work health and safety (WHS) requirements. |
| 2 Conduct pre-installation inspections and checks. | 2.1 | Arrange access to worksite and communicate with responsible entity and affected persons to advise duration and impact of planned installation procedures. |
| | 2.2 | Select and use required tools and equipment, including personal protective equipment (PPE). |
| | 2.3 | Identify and control hazards in the work area according to workplace requirements. |
| | 2.4 | Interpret risk assessment for equipment and consult with relevant persons to formulate and document additional risk reduction measures for type of extinguishing agent. |
| | 2.5 | Interpret drawings to confirm installation design as suitable to client and manufacturer requirements. |
| | 2.6 | Determine scope of protection, operational parameters and system and equipment location and interfaces according to Australian Standards, client, manufacturer and workplace requirements. |
| | 2.7 | Confirm location for installation and assemble materials, tools and equipment ready for installation. |
| 3 Install pre-engineered fire-suppression system. | 3.1 | Install system components according to manufacturer and Australian Standards requirements. |
| | 3.2 | Install auxiliary shutdown fire system and equipment interface and alarm device connections according to manufacturer and Australian Standards requirements. |
| | 3.3 | Charge system according to manufacturer and regulatory requirements. |

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| 4 Commission pre-engineered fire-suppression system. | 4.1 Commission and test installed system componentry according to manufacturer and Australian Standards requirements. |
| | 4.2 Reinstate system as fully operational according to manufacturer requirements. |
| | 4.3 Record commissioning results according to the relevant commissioning schedule, Australian Standards and manufacturer requirements. |
| 5 Finalise installation operation. | 5.1 Complete documentation on system installation and commissioning according to Australian Standards, manufacturer, regulatory and workplace requirements. |
| | 5.2 Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements. |
| | 5.3 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 CPPFES3042A Install and commission 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>