



Australian Government

CPPFES2047 Inspect and test control and indicating equipment

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 CPPFES2047A Inspect and test control and indicating equipment. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to complete routine monthly and six-monthly inspection and testing procedures to verify that control and indicating equipment (CIE) for a fire alarm system functions as intended. It includes working safely, isolating and resetting CIE, conducting compliance tests, visually inspecting, identifying non-compliance defects, and fulfilling mandatory reporting requirement. Service activities are conducted in compliance with requirements of the relevant Australian Standards and National Construction Code (NCC).

The skills and knowledge described in this unit do not require an electrical licence or an Australian Communications and Media Authority (ACMA) cabling licence to practise. 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.

Ozone depleting substances (ODS) and synthetic greenhouse gases (SGG) are gaseous fire-extinguishing agents listed in Schedule 1 of the Ozone Protection and Synthetic Greenhouse Gas Management Act 1989 and by law, can only be handled by people who hold an appropriate extinguishing agent handling licence (EAHL). This unit supports one or more EAHLs prescribed under the Act. 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. | <ul style="list-style-type: none">1.1 Read work instructions, installation drawings and specifications to clarify service timeframes, client needs, and location of system components and materials.1.2 Discuss planned service procedures with relevant persons to clarify client needs and expectations.1.3 Plan work activities to prevent ODS and SGG emissions and comply with relevant Australian Standards, NCC, regulations, work health and safety (WHS) and workplace requirements.1.4 Arrange inspection and test procedures to suit CIE according to manufacturer, regulatory and workplace requirements.1.5 Confirm and access documentation required to conduct tests to meet regulatory and workplace requirements.1.6 Select, check and use required test devices, tools and equipment, including personal protective equipment (PPE).1.7 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.1.8 Prepare to follow ODS, SGG and WHS policies and procedures and apply required risk control measures when inspecting and testing CIE. |
| 2 Inspect CIE. | <ul style="list-style-type: none">2.1 Identify CIE functions to be used to conduct routine tests according to manufacturer requirements and relevant maintenance schedule.2.2 Isolate alarm zone circuits, plant and other system interfaces to allow conduct of maintenance activities according to ODS, SGG and WHS policies and procedures.2.3 Isolate circuits and actuators according to regulatory and |

- workplace requirements.
- 2.4 Conduct visual inspection according to the monthly and six-monthly schedules of the relevant Australian Standard.
 - 2.5 Validate CIE inspection results according to requirements of the relevant Australian Standard.
- 3 Test CIE.
- 3.1 Isolate circuits, actuators, back-to-base facilities and other system interfaces according to regulatory and workplace requirements.
 - 3.2 Conduct checks to confirm alarm zone circuits, plant and other system interfaces are isolated and system cannot be activated during testing according to workplace requirements.
 - 3.3 Conduct monthly and six-monthly tests according to the relevant Australian Standard.
 - 3.4 Check CIE and components to verify functionality in accordance with manufacturer requirements and final design documentation.
 - 3.5 Discuss methods for dealing with unexpected situations with relevant persons and, where required, obtain approval from authorised persons to deal safely with unexpected situations.
 - 3.6 Record results of tests, discussions and actions taken according to regulatory and workplace requirements.
- 4 Finalise service operation.
- 4.1 Reset CIE and other interfaced equipment and verify system as fully operational with no alarms present.
 - 4.2 Complete service documentation and report outstanding defects, non-compliances and recommended rectifications according to Australian Standards, regulatory and workplace requirements.
 - 4.3 Check tools, equipment and test devices for faults, wear or damage and rectify or report problems according to workplace requirements.
 - 4.4 Leave client premises in a safe, 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 CPPFES2047A Inspect and test control and indicating equipment.

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>