



Australian Government

CPPFES3032 Conduct enclosure integrity testing

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 CPPFES3032A Conduct enclosure integrity testing. Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to test the integrity of enclosures protected by total flooding gaseous agent fire-suppression systems. It includes working safely, conducting compliance tests, visually inspecting and identifying non-compliance defects, fulfilling mandatory reporting requirements and general isolations and resetting associated with gaseous fire-suppression systems. Tests are conducted according to the relevant Australian Standard for the inspection, testing and preventive maintenance of the installed gaseous fire-suppression system.

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.

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| 1 Plan and prepare for service operation. | 1.1 Interpret work instructions to clarify service timeframes, client needs, and gaseous fire-suppression system type, application and location. |
| | 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 Identify potential and actual breaches of rules and regulations associated with work instructions 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 Conduct inspections and isolations.
- 2.1 Identify gaseous agent fire-suppression system controls and determine functions according to manufacturer requirements.
 - 2.2 Isolate plant and other system interfaces according to manufacturer and regulatory requirements.
 - 2.3 Conduct visual inspections and checks according to relevant Australian Standards and workplace requirements.
 - 2.4 Record inspection results according to regulatory and workplace requirements.
- 3 Conduct integrity testing.
- 3.1 Set up integrity testing equipment in readiness to conduct tests according to manufacturer requirements and site configuration.
 - 3.2 Conduct enclosure testing procedures to verify correct functioning of gaseous fire-suppression system according to manufacturer and Australian Standard requirements.
 - 3.3 Perform measurements and calculations to verify integrity of enclosure protection, including agent

- retention time, agent loss and total leakage area.
- 3.4 Record test results and assign pass or fail according to the Australian Standard for the installed gaseous fire-suppression system.
- 4 Finalise service operation.
- 4.1 Reinstate gaseous fire-suppression system and check to confirm it is fully operational according to manufacturer and workplace requirements.
- 4.2 Complete service records and report outstanding defects and recommended rectifications according to Australian Standards, regulatory and workplace requirements.
- 4.3 Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements.
- 4.4 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 CPPFES3032A Conduct enclosure integrity testing.

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>