



Australian Government

CPCPFS4021 Commission domestic and residential fire suppression sprinkler systems

Release: 1

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPFS4021A Commission domestic and residential fire suppression sprinkler systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to test and commission domestic and residential fire suppression sprinkler systems in buildings up to four storeys in height containing communal catering and residential quarters.

It covers preparation for the work, identification and confirmation of system specifications and requirements, physical testing and commissioning of the systems, and work finalisation processes including records and documentation.

The role may involve interaction with architects, builders, suppliers and relevant planning authorities and requires a sound understanding of applicable legislation including work health and safety (WHS).

Site locations for work application are domestic and residential and may be a new work site or an existing structure, including minimum of a communal catering and living area and multiple residential quarters (or equivalent), and a fire suppression sprinkler system for a domestic residence containing a minimum of two rooms.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Pre-requisite Unit

Nil.

Unit Sector

Plumbing

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 Prepare for work. | 1.1 Obtain current approved plans and specifications. |
| | 1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements. |
| | 1.3 Apply quality assurance requirements to comply with internal and external policies, procedures, standards and authorities. |
| | 1.4 Consult with associated persons to plan and sequence tasks. |
| | 1.5 Select and check the serviceability of appropriate tools, equipment and personal protective equipment (PPE). |
| | 1.6 Prepare work area to support effective commissioning process. |
| 2 Identify system requirements. | 2.1 Identify and confirm system design requirements using job specifications, authorities' requirements and standards. |
| | 2.2 Identify commissioning requirements using job specifications, authorities' requirements and standards. |
| 3 Test and commission system. | 3.1 Check sprinkler systems to ensure type and installation conform to standards, job specifications, manufacturer recommendations and authorities' requirements. |
| | 3.2 Test system operation and adjust as required to meet all requirements and specifications. |
| | 3.3 Commission and maintain system to ensure correct operation according to standards, and manufacturer and job specifications. |
| 4 Clean up work area. | 4.1 Clear the work area of materials and dispose of, reuse or recycle materials according to legislation, regulations, environmental codes of practice and job specifications. |
| | 4.2 Clean tools and equipment check for damage and malfunction and store according to manufacturer |

recommendations and workplace procedures.

- 4.3 Access information to complete documentation according to workplace requirements and submit within specified timeframes, including all required information.

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 CPCPFS4021A Commission domestic and residential fire suppression sprinkler systems.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>