



**Australian Government**

# **CPCSFS5011 Provide design documentation and review and support fire system installation processes**

**Release: 1**

# CPCSFS5011 Provide design documentation and review and support fire system installation processes

## Modification History

|           |                                                                                                                                                                                                                                                                                                             |
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| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.<br><br>Supersedes and is equivalent to CPCSFS5011A Provide design documentation and review and support fire system installation processes. Updated to meet the Standards for Training Packages 2012. |
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## Application

This unit of competency specifies the outcomes required to develop detailed drawings and notes for the fire systems installation team from approved detailed fire systems design drawings. The unit also covers the outcomes required to assist and support the installation team when changes to detailed designs may be required owing to contingencies encountered on-site.

This unit of competency supports the role of fire systems designers whose work involves the preparation of detailed documentation to support the installation of fire systems and the provision of troubleshooting advice and drawings for solutions to on-site issues.

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 and Fire Services

## Elements and Performance Criteria

| Elements describe the essential outcomes.          | Performance criteria describe what needs to be done to demonstrate achievement of the element.                                                                                                                    |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Produce installation drawings and documentation. | 1.1 Check approved detailed design drawings of fire systems to ensure that installation implications of required changes have been addressed.<br><br>1.2 Use approved detailed design drawings of fire systems to |

- create installation drawings.
- 1.3 Use detailed design specifications of fire systems to notate the installation drawings with the location of specific components of the fire system.
- 2 Review drawings prior to installation.
- 2.1 Monitor and record ongoing changes to detailed structural or other services' design drawings regularly.
- 2.2 Consider the impact of structural and other services design changes on fire systems design and installation and propose and negotiate appropriate solutions with relevant project team members, as required.
- 2.3 Amend fire systems installation drawings and documentation to incorporate accepted solutions according to workplace and project procedures.
- 3 Resolve on-site installation problems.
- 3.1 Record, prioritise and consider on-site installation issues in line with project timeframes.
- 3.2 Propose and negotiate appropriate solutions with relevant project team members, as required.
- 3.3 Amend fire systems installation drawings and documentation to incorporate accepted solutions as required.
- 3.4 Communicate solutions to on-site fire system installation team members and supply amended documentation according to workplace and project procedures.

## 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 CPCSFS5011A Provide design documentation and review and support fire system installation processes.

## 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>