



Australian Government

CPCSFS5013 Support commissioning processes and finalise fire systems design projects

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 CPCSFS5013A Support commissioning processes and finalise fire systems design projects. Updated to meet the Standards for Training Packages 2012.
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Application

This unit of competency specifies the outcomes required to confirm the post-installation details of fire systems and produce amended drawings and documentation, and to prepare detailed commissioning procedures and specifications. The unit also covers reviewing issues and solutions arising during fire systems design projects and making subsequent improvements to fire systems design project processes.

This unit of competency supports the role of fire systems designers with responsibility for producing ‘as built’ drawings, block plans, tactical fire plans, and operations and maintenance manuals for fire systems.

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 accurate final drawings for fire systems.	1.1 Document progressive changes to fire systems design drawings resulting from construction phase issues according to workplace and project procedures. 1.2 Confirm and record final component sizes, locations and

- building dimensions.
- 1.3 Prepare, name, notate, file and submit accurate ‘as built’ drawings according to workplace procedures and project requirements.
 - 1.4 Produce appropriate block plans and tactical fire plans as required.
- 2 Prepare commissioning details, and operation and maintenance manuals for fire systems.
- 2.1 Prepare system performance requirements and commissioning procedures and specifications according to relevant codes and standards and component manufacturer’s recommendations and workplace and project requirements.
 - 2.2 Prepare standard operating procedures (SOPs) for the fire system based on relevant codes and standards and component manufacturer’s recommendations.
 - 2.3 Produce regular maintenance procedures for the fire system based on codes and standards component manufacturer’s recommendations and relevant regulatory requirements.
 - 2.4 Install operation and maintenance signage as required, according to relevant workplace, project and regulatory requirements codes and standards.
- 3 Review and evaluate the fire systems design process.
- 3.1 Review and process project documentation including issues and their solutions.
 - 3.2 Discuss project issues and solutions with relevant workplace personnel and explore process improvement strategies.
 - 3.3 Amend project planning, methodologies and quality assurance systems to incorporate agreed process improvement strategies.

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 CPCSFS5013A Support commissioning processes and finalise fire systems design projects.

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>