



Australian Government

CPCPFS4023 Commission fire system pumpsets

Release: 1

CPCPFS4023 Commission fire system pumpsets

Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPFS4023A Commission fire system pumpsets. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to test and commission a fire system pumpset.

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

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

This unit's requirements may be carried out by experienced tradespersons such as hydraulic design consultants, plumbers or plumbing contractors who employ a team of plumbers.

Site location for work application may be either domestic or residential and may be a new work site or an existing structure.

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. |
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- 1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental instructions.
 - 1.3 Apply quality assurance requirements to comply with internal and external policies, procedures, standards and authorities.
 - 1.4 Consult with others 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 from job specifications according to standards.
 - 2.2 Identify testing and commissioning requirements of fire system pumpset according to standards, authorities' requirements and job specifications.
- 3 Test and commission system.
 - 3.1 Check fire system pumpset and pump controls to ensure type and installation conform to standards, job specifications, manufacturer recommendations and authorities' requirements.
 - 3.2 Test operation of pumpset according to job specifications, manufacturer recommendations and authorities' requirements and adjust as required.
 - 3.3 Commission pumpset 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.

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 CPCPFS4023A Commission fire system pumpsets.

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>