



Australian Government

CPCPFS3048 Install fixed fire pumpsets

Release: 2

CPCPFS3048 Install fixed fire pumpsets

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPFS3048A Install fixed fire pumpsets.
Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to install fixed fire pumpsets, including the pump base, power sources, pumps, pipework and associated components in new or existing, domestic or commercial structures.

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

Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

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 Plan the work. | 1.1 Access, read and apply fixed fire pumpsets installation requirements relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements. |
| | 1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements. |

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| 2 Prepare for work. | 2.1 Create a materials list and collect materials. |
| | 2.2 Identify materials and components and calculate quantities. |
| | 2.3 Check conformity of materials and components with delivery docket. |
| | 2.4 Sequence tasks. |
| | 2.5 Inspect site and determine location for fixed fire pumpset. |
| | 2.6 Carry out preparation of work area to ensure efficient installation. |
| | 2.7 Identify pump base requirements from drawings and specifications. |
| | 2.8 Select and check the serviceability of appropriate tools, equipment and personal protective equipment (PPE). |
| 3 Install fixed fire pumpsets. | 3.1 Set out and install pump base. |
| | 3.2 Perform the installation of pumpset, pipework and associated valves. |
| | 3.3 Check pipework, connections and pumpset valves to ensure they are watertight and operating correctly. |
| | 3.4 Pressure test piping system and record results. |
| | 3.5 Test pumpset and record test data in required format. |
| | 3.6 Complete documentation as required. |
| 4 Clean up. | 4.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures. |
| | 4.2 Clean tools and equipment, check for serviceability and report any damage, and store and secure. |

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 CPCPFS3048A Install fixed fire 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>