



Australian Government

Assessment Requirements for CPCPFS3049 Conduct preventive maintenance on fixed fire pumpsets

Release: 2

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Modification History

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| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Typographical errors corrected in Pre-requisite unit and Element and Performance Criteria 1.3. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPFS3049A Conduct preventive maintenance on fixed fire pumpsets. Updated to meet the Standards for Training Packages 2012. |

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- performing preventive maintenance on a diesel-driven, packed gland fixed fire pumpset in accordance with AS 2941 Fixed fire protection installations across two different jobs and include:
 - a circulatory system
 - a packing gland
 - a pressure relief valve, and
 - a pressure reducing valve
- performing system interfaces isolation of fire detection control indicating equipment (FDCIE) and fire pumpsets.

Knowledge Evidence

To be competent in this unit, a person must demonstrate knowledge of:

- processes, procedures and techniques of:
 - conducting preventive maintenance on fixed fire pumpsets
 - isolating and draining down pump pipework
- characteristics, applications and limitations of approved materials and components:
 - end suction pumps
 - multistage multioutlet pumps
 - screw pumps

- turbine pumps
- split case pumps
- pressure relief valves
- pressure reducing valves
- circulatory system
- how to access relevant information, including relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements. to conduct preventive maintenance on fixed fire pumpsets
- tools, materials and equipment used to conduct preventive maintenance on fixed fire pumpsets
- work health and safety (WHS) requirements to conduct preventive maintenance on fixed fire pumpsets.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

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>