



Australian Government

Assessment Requirements for CPCPFS3046

Test the integrity of water-based fire protection systems using pressure

Release: 2

Assessment Requirements for CPCPFS3046 Test the integrity of water-based fire protection systems using pressure

Modification History

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

Performance Evidence formatted for clarity. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPFS3046A Test the integrity of water-based fire protection systems using pressure. 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:

- testing the integrity of water-based fire protection systems:
 - one water pressure test on a fire sprinkler system
 - one water pressure test on a fire hydrant system.

Note: Tests may be conducted during installation or maintenance of jobs.

Knowledge Evidence

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

- legislation, regulations, standards and codes relating to pressure testing water-based fire protection systems:
- policies, procedures and environmental requirements and sustainability principles relating to pressure testing water-based fire protection systems
- functional and operational features of tools and equipment used in pressure testing water-based fire protection systems
- safety requirements when using compressed air
- processes, procedures and techniques of:
 - testing water-based fire protection systems
- characteristics, application and limitations of approve materials and components:
 - sprinkler heads
 - roll groove and threaded joints
 - steel pipe

- chlorinated polyvinyl chloride (CPVC) pipe
- non-ferrous pipe
- alarm valves
- ball valves
- gate valves
- butterfly valves
- waste and test valves
- flexible droppers
- fire hydrant valves
- booster and suction arrangements
- check valves
- materials storage and environmentally responsible waste disposal relating to pressure testing water-based fire protection systems
- how to access relevant information including, job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements.
- tools, materials and equipment used for testing the integrity of water-based fire protection systems
- work health and safety (WHS) requirements for testing the integrity of water-based fire protection systems.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed 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>