



Australian Government

Assessment Requirements for CPCPWT3030 Install home fire sprinkler systems

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 error corrected in Element 1.1. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPWT3030A Install home fire sprinkler systems. 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:

- installing a home fire sprinkler system in a single-storey Class 1a building using a length of piping a minimum of four metres and including:
 - a water service using a minimum of two materials
 - a control valve
 - an actuating device
 - an alarm
 - two sprinkler heads
 - one sprinkler head using cross-linked polyethylene (PEX) pipe.

Knowledge Evidence

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

- installation, testing and commissioning requirements of home fire sprinkler systems
- operation and function of purging drain valves
- processes, procedures and techniques of:
 - installing a home fire sprinkler system in a Class 1a building
 - testing and commissioning
 - actuating device
 - control valve assembly
 - alarm systems
 - approved piping and fittings
 - sprinkler heads

- pressure and flow requirements
- building classification
- push-fit and crimp-fit PEX pipe and fitting systems
- domestic sprinkler systems as required by the Deemed-to Satisfy NCC provisions
- how to access relevant information, including codes and standards manufacturers' instructions, codes, relevant Australian Standards and jurisdictional requirements
- tools, materials and equipment used to install home fire sprinkler systems, including testing and commissioning
- work health and safety (WHS) requirements for installing, testing and commissioning home fire sprinkler systems.

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>