



Australian Government

Assessment Requirements for CPCPMS3033 Install small bore heating systems

Release: 3

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Modification History

- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Performance Criteria 3.3.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.
Correction to prerequisite unit code from CPCPCM2043A Carry out WHS requirements to CPCPCM2043 Carry out WHS requirements.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPMS3033A Install small bore heating 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 two-pipe heating system to two panel radiators, skirting convector or a unit heater, including:
 - using a combination of copper tube and non-metallic piping
 - a minimum of DN20 flow and return with DN15 branches connected to a heating source.

Knowledge Evidence

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

- characteristics, application and limitations of approved materials and components
- processes, procedures and techniques of:
 - effective isolation heating electrical systems
 - installing and commissioning small bore heating systems:
 - panel radiators
 - skirting convectors
 - boilers and heat exchanges
- under floor heating systems
- functional and operational features of hand and power tools and equipment including:

- hand and power tools
- heating and bending equipment
- lifting and load shifting equipment
- measuring equipment
- silver brazing equipment
- welding equipment
- how to access relevant information, including codes and standards
- tools, materials and equipment used to install small bore heating systems
- work health and safety (WHS) requirements to install small bore heating 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>