



Australian Government

Assessment Requirements for CPCPMS3041 Install domestic solid fuel burning appliances

Release: 1

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is not equivalent to CPCPMS3041A Install domestic solid fuel burning appliances. 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 at least two different domestic solid fuel burning appliances according to client, compliance, workplace and manufacturer requirements. Appliances may be for:
 - central heating
 - cooking
 - space heating
 - water heating
- a combination of applications, which includes:
 - fireplace inserts
 - free-standing
 - in-built
 - non-tested
- installing flue and associated flashings through a tiled and metal roof system.

Knowledge Evidence

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

- factors affecting selection of installation locations for appliances
- factors affecting compliance and non-compliance of domestic solid fuel burning appliances
- factors affecting optimum performance:
 - general cleaning and maintenance requirements
 - type and condition of fuel used in appliances
- heat damage protection requirements for appliances:
 - compliant floor protection
 - compliant clearance distances

- additional shielding
- reduced compliant clearance distances
- legislation, regulations and standards that apply to the installation and emissions of domestic solid fuel burning appliances
- heat-response categories of construction materials:
 - heat sensitive
 - heat tolerant
 - heat resistant
- installation requirements for different types of domestic fuel burning appliances:
 - appliances for:
 - central heating
 - cooking
 - space heating
 - water heating
 - combinations of applications
 - fireplace inserts
 - free-standing
 - in-built
 - non-tested
 - tested
- principles and products of combustion
- requirements and methods for maintaining structural integrity of buildings, roof structures and existing roof coverings
- structure and function of flue elements and principles of flue draw, and effects of:
 - bends and horizontal sections
 - climatic conditions
 - surrounding buildings and trees
- types of domestic solid fuel burning appliances and methods for safe operation
- types and condition of wood used as fuel and impacts on:
 - efficiency of appliances
 - emissions
- compliance requirements:
 - clearance distances to heat sensitive materials:
 - ceilings
 - curtains
 - furniture
 - timbers
 - walls
 - emissions compliance certification plate
 - manufacturer specifications

- types and dimensions of floor protection.

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>