



Australian Government

CPCPMS3041 Install domestic solid fuel burning appliances

Release: 1

CPCPMS3041 Install domestic solid fuel burning appliances

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.

Application

This unit specifies the skills and knowledge required to install domestic solid fuel burning appliances.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

CPCPCM2055 Work safely on roofs

CPCCWC2001 Complete penetrations and flashings

Unit Sector

Plumbing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Prepare for installation.

1.1 Access, read and determine domestic solid fuel burning appliances requirements from job specifications, relevant Australian Standards, codes, manufacturer's specifications and jurisdictional requirements.

1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental

requirements.

- 1.3 Inspect installation sites and confirm appliance installation locations as suitable or negotiate alternative locations with clients.
 - 1.4 Confirm heat sensitivities of building materials at appliance installation locations and confirm heat protection strategies with clients.
 - 1.5 Select and check the serviceability of the appropriate tools, equipment and personal protective equipment (PPE).
- 2 Install appliance.
 - 2.1 Measure and mark appliance location according to compliance requirements.
 - 2.2 Measure, cut or make up floor and wall protection materials and install according to compliance requirements.
 - 2.3 Position appliance and check clearance distances to confirm compliance.
 - 2.4 Install appliance according to compliance and organisational requirements.
- 3 Install flue.
 - 3.1 Check flue dimensions and components and obtain additional sections or components as required to meet compliance requirements.
 - 3.2 Calculate, measure, mark and check locations and dimensions of ceiling and roof penetrations according to compliance and organisational requirements.
 - 3.3 Make penetrations to host materials with minimal damage and according to specifications and organisational requirements.
 - 3.4 Install structural supports according to plans and specifications.
 - 3.5 Prepare opening in compliance with specifications, manufacturer recommendations and regulations.
 - 3.6 Install flue and associated components according to

- compliance and organisational requirements.
- 3.7 Apply flashings and sealants to restore integrity of ceilings and roofs according to compliance and organisational requirements.
 - 3.8 Performance test penetration to ensure correct fit of completed installation, and take remedial action as required.
- 4 Finalise installation and clean up.
- 4.1 Install appliance and associated components and check for complete and correct installation and operation according to compliance and organisational requirements.
 - 4.2 Demonstrate operation of appliance to clients and explain factors that affect optimum performance.
 - 4.3 Restore installation site and clean tools and equipment, check for serviceability and report any damage, and store and secure.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is not equivalent to CPCPMS3041A Install domestic solid fuel burning appliances.

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>