



Australian Government

CPCPGS4022 Service Type A gas appliances

Release: 1

CPCPGS4022 Service Type A gas appliances

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPGS4022A Service Type A gas appliances. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to diagnose and repair faults on certified Type A gas 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

CPCPGS3053 Disconnect and reconnect Type A gas appliances

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 Identify service requirements.

1.1 Access, read and determine service requirements for Type A gas appliances from job specifications, relevant Australian Standards, codes, manufacturers' specifications and jurisdictional requirements.

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

- 1.3 Prepare work area and materials to service the Type A gas appliance.
 - 1.4 Locate gas and electrical isolation points.
 - 1.5 Complete electrical and gas safety checks before commencing servicing work.
- 2 Determine faults associated with gas appliances and recommission.
 - 2.1 Identify potential electrical fault pathways and confirm assembly and disassembly techniques and sequences.
 - 2.2 Complete diagnosis on electrical faults on electrical systems that do not exceed 50 volt (V) alternating current (AC) or 120 V direct current (DC).
 - 2.3 Complete gas diagnosis and select most appropriate corrective action as required.
 - 2.4 Repair, replace and/or make adjustments as required.
 - 2.5 Commission and return to service.
 - 2.6 Analyse flue gases and check ventilation requirements according to Australian Standards and jurisdictional requirements.
 - 2.7 Complete and submit documentation according to installation requirements and workplace procedures.
- 3 Clean up.
 - 3.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures.
 - 3.2 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 equivalent to CPCPGS4022A Service Type A gas 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>