



Australian Government

Assessment Requirements for CPCPGS3061 Install and commission Type A gas appliances

Release: 4

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Modification History

- Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
- Amended Performance Criteria 3.2, 3.4 and 3.5.
 - Amended Knowledge Evidence.
- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.
- Amended Element 1 as follows: Identify installation requirements for Type A gas appliances.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
- Changes to Elements and Performance Criteria 1 and 4.1.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPGS3061A Install and commission Type A gas 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 and commissioning three certified Type A gas appliances:
 - one must be a fan assisted flued appliance
 - one must be installed in a domestic setting
 - one must be installed in a commercial setting
- calculating natural ventilation for at least one Type A gas appliance
- conducting a carbon monoxide test.

Knowledge Evidence

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

- types of approved flues for Type A appliances, including:
 - balanced

- individual appliance
- multiple flues
- natural draft
- twin wall flues
- fan assisted flues
- power flues
- other approved flues
- working drawings conventions, symbols and abbreviations
- results of carbon monoxide poisoning and how it can occur
- reasons for testing for carbon monoxide
- consequences of carbon monoxide poisoning:
 - ill health
 - death
- processes, procedures and techniques for:
 - installing and commissioning Type A appliances and ventilation
 - using carbon monoxide testing equipment to check appliance for spillage
- existing consumer piping is checked to ensure its compliance with relevant Australian standards and that its capacity is adequate for the additional load
- size of branch line is calculated according to regulating authorities' requirements
- properties of gas, gas safety, combustion principles, pressure and flow rates.
- how to access relevant information, including codes and standards
- tools, materials and equipment used for the installation and commissioning of Type A gas appliances
- work health and safety (WHS) requirements for the installation and commissioning of Type A gas appliances.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed 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>