



Australian Government

**Assessment Requirements for
CPCPGS3054 Calculate and install natural
ventilation for Type A gas appliances**

Release: 2

Assessment Requirements for CPCPGS3054 Calculate and install natural ventilation for Type A gas appliances

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPGS3054A Calculate and install natural ventilation for 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:

- calculating natural ventilation for a minimum of three different installations including one pre-standard adoption and one post-standard adoption
- calculating natural ventilation for one flue-less installation where jurisdictional requirements allow
- installing one natural ventilation system for a Type A appliance.

Knowledge Evidence

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

- terminology relating to natural ventilation for gas appliances
- processes, procedures and techniques for:
 - calculating and installing natural ventilation to a variety of gas appliances
 - using measurements and formulas to calculate free ventilation and ventilation openings
- organisational policies and procedures on how to access relevant information, including codes and standards
- tools, materials and equipment used to install natural ventilation, mechanical ventilation and associated interlocks for Type A gas appliances
- work health and safety (WHS) requirements to install natural ventilation, mechanical ventilation and associated interlocks for Type A gas appliances
- properties of gas, gas safety, combustion principles, pressure and flow rates
- consumer safety requirements to maintain permanent free ventilation for correct operation of appliance/s.

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>