



Australian Government

Assessment Requirements for CPCPGS3056 Size and install consumer gas piping systems

Release: 3

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Modification History

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| Release 3 | This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.

Included PC 2.3, 'Select appropriate tools and equipment including personal protective equipment (PPE)'. |
| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

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

Supersedes and is not equivalent to CPCPGS3056A Install gas piping systems, and CPCPGS3057A Size consumer gas piping systems. 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:

- sizing and installing, in accordance with manufacturers specifications, Australian standards and jurisdictional requirements:
 - one natural gas (NG) consumer piping systems supplying three certified Type A appliances using two different piping systems, one of which must be a composite material
 - one single stage liquid petroleum gas (LPG) consumer piping systems supplying three certified Type A appliances using two different piping systems, one of which must be a composite material.

Knowledge Evidence

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

- pipe sizing including:
 - appliance pressure and gas consumption requirements
 - properties of gas
 - length of run
 - allowable pressure drop

- available pressure
- approved materials, their limitations and application for installing gas piping systems, including:
 - testing for gas-tightness
 - using current testing equipment
- electrical safety and required precautions
- how to access relevant information, including codes and standards
- tools, materials and equipment used to size and install consumer gas piping
- work health and safety (WHS) requirements to size and install consumer gas piping
- properties of gas, gas safety, combustion principles, pressure and flow rates.

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>