



**Australian Government**

# **Assessment Requirements for CPCPPS5014**

## **Locate and maintain piping systems**

**Release: 2**

# Assessment Requirements for CPCPPS5014 Locate and maintain piping systems

## Modification History

- |           |                                                                                                                                                                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.<br><br>Performance Evidence formatted for clarity.                                                                                               |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.<br><br>Supersedes and is equivalent to CPCPPS5014A Locate and maintain 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:

- preparing a client brief, plans and specifications, testing and commissioning schedule and producing an operation and maintenance manual for each of the following:
  - pipe-freezing of an existing 100 mm copper water mains requiring a new 100 mm tee connection
  - a sewer line inspection using closed-circuit television (CCTV) drain camera equipment through a sewer inspection point and a sewer manhole and the removal of a blockage with high-pressure drain cleaning equipment
  - use of under-road boring equipment to install a 150 mm sewer line across a local council road containing a minimum of two lanes in width
  - an approved trenchless robotic and chemical repair system to incorporate a straight-line section of 100 mm sewer pipe and a 100 mm sewer junction repair.

## Knowledge Evidence

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

- common terminology and definitions used in the specification of piping system maintenance procedures
- nature of materials used and effects of performance under various conditions
- requirements of state and territory regulatory authorities, Australian Standards and manufacturer specifications, including hazards identified in relation to devices and systems used
- applications for pipe and servicing locating equipment
- uses and limitations of pipe-freezing equipment

- uses and limitations of sewer and drain cameras
- uses and limitations of under-road boring equipment
- uses and limitations of trenchless, robotic sewer repair and chemical grout systems including re-lining
- uses and limitations of high-pressure drain cleaning equipment
- safety procedures relating to maintaining hydraulic and plumbing systems.

## Assessment Conditions

Assessors must meet the requirements for assessors contained 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>