

Unit of Competency CPCPDR2021

Locate and clear blockages

Application

This unit specifies the skills and knowledge required to locate and clear blockages in sanitary plumbing and drainage systems, using a range of equipment, including closed-circuit television (CCTV).

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Prerequisite Unit

CPCPCM2043 Carry out WHS requirements

Elements and Performance Criteria

1. Prepare for work.	1.1 Determine location of blockage and clearing requirements. 1.2 Identify and apply workplace, work health and safety (WHS) and environmental requirements e. 1.3 Select appropriate tools and equipment, including personal protective equipment (PPE).
2. Locate and clear blockage.	2.1 Identify pipe section containing blockage using closed-circuit television (CCTV), as appropriate. 2.2 Select and use appropriate blockage clearing equipment according to the job requirements and manufacturer's requirements. 2.3 Remove blockage without causing damage to pipework and fittings. 2.4 Flush and test system to ensure adequate operation.
3. Clean up.	3.1 Clear the work area, and dispose of 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 CPCPDR2021A Locate and clear blockages.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCPDR2021

Locate and clear blockages

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- using a closed-circuit television (CCTV) camera to locate the cause of the blockage in drainage pipework
- using a mechanical method to clear blockage in drainage pipework.

Knowledge Evidence

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

- characteristics of different pipes and fittings.
- different types of tools and equipment, their application and method of operation:
 - o manually operated drain cleaning, including plungers and rods
 - o mechanically operated drain clearing machines and attachments
 - o CCTV
 - o pipe locating equipment
 - o chemical applications for cleaning
- processes for clearing blockages
- how to access relevant drainage layout information for the job
- work health and safety (WHS) requirements for locating and clearing blockages.

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.

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