

Unit of Competency CPCPCM2046

Use plumbing hand and power tools

Application

This unit specifies the skills and knowledge required to use commonly used hand and power tools in plumbing work applications.

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 to use hand and power tools.	<ul style="list-style-type: none">1.1 Identify, obtain and interpret organisational work health and safety (WHS) and environmental requirements.1.2 Identify power sources and access to power supply.1.3 Select appropriate personal protective equipment (PPE) and ensure it is correctly fitted and used according to the requirements of the job.1.4 Identify electrical safety requirements.
2. Use hand tools for work.	<ul style="list-style-type: none">2.1 Check hand tools for serviceability and safety and report any faults to supervisor according to workplace requirements.2.2 Select hand tools consistent with the needs of the job.2.3 Select relevant equipment to secure, position or support material for hand tool application.2.4 Use hand tools safely and effectively for the application according to manufacturer's specifications and workplace procedures.2.5 Position and secure relevant material for hand tool application.
3. Use power tools for work.	<ul style="list-style-type: none">3.1 Select power tools consistent with the needs of the job according to workplace procedures.3.2 Check power tools for tags, serviceability and safety according to WHS requirements and report any faults to supervisor according to workplace procedures.3.3 Select relevant equipment to secure, position or support material for power tool application.3.4 Use power tools safely and effectively for application according to manufacturer's specifications and workplace procedures.3.5 Store power tools safely when not in use according to workplace procedures.
4. Clean up.	<ul style="list-style-type: none">4.1 Clear the work area and dispose of waste material, reuse or recycle materials in accordance with environmental and workplace requirements.4.2 Clean tools and equipment, check for serviceability reporting any damage and store and secure according to manufacturer recommendations and workplace procedures.4.3 Record and report relevant safety information in accordance with workplace requirements.

Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is non-equivalent to CPCPCM2046A Use plumbing hand and power tools.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCPCM2046 Use plumbing hand and power tools

Performance Evidence

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

- using four different hand tools safely on three separate projects and operating one different power tool on each project.

Knowledge Evidence

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

- types, function and purpose of hand and power tools used in plumbing applications
- how to access relevant information
- work health and safety (WHS) requirements relevant to use of plumbing hand and power tools.

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

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