



Australian Government

MSFCP2005 Use cooperating sector hand and power tools

Release: 1

MSFCP2005 Use coopering sector hand and power tools

Modification History

Release 1. Changes to code, application, elements, performance criteria. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Application

This unit describes the skills and knowledge required to select and safely use hand and power tools for coopering tasks. Workers with this competency complete routine tasks to create barrels and similar cooperage products.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Unit Sector

Coopering

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for tool use	1.1 Identify task requirement from work instructions 1.2 Select appropriate tools based on task requirements and identify work health and safety requirements for their use 1.3 Check tools are safe and functional and report any faults to supervisor 1.4 Select equipment to hold or support material based on the tools selected and the nature of the task 1.5 Prepare material and hold in position to ensure safe operation
2. Use tools	2.1 Use tools safely and in accordance with workplace procedures and manufacturer specifications 2.2 Use techniques that optimise the effective use of the tools for the nominated task 2.3 Ensure safe state, position and location of tools in the work area when not in immediate use 2.4 Follow safety procedures for the use of power and the handling of power tools

3. Clean up work area and tools	3.1 Clean tools and equipment using cleaning materials and agents suited to the item 3.2 Complete routine operator maintenance on tools in accordance with workplace procedures and manufacturer instructions 3.3 Store tools and equipment based on specific storage needs and workplace requirements
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Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and tool manuals
- Numeracy skills to measure lengths and angles

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Supersedes and is equivalent to MSFCP2001 Use coopering sector hand and power tools.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFCP2005 Use coopering sector hand and power tools

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- select appropriate hand tools and safely use them on at least 2 occasions for coopering tasks, including at least 6 of the following tools:
 - hand plane
 - chisel
 - hand saw
 - spokeshave
 - hammer
 - mallet
 - auger
 - croze
 - driver
 - knife (belly, crum, heading or hollow)
 - cooper's hammer
 - maul
 - bradawl
 - adze
 - shaves (hoop, inside or heading)
 - swift
 - marking-out tools
 - file or rasp
 - scraper
 - screwdriver
 - hand drill
- select appropriate power tools and safely use them on at least 2 occasions for coopering tasks, including at least 5 of the following tools:
 - bench grinder
 - presses (hoops)
 - head making machine
 - drop saw

- circular saw
- planer
- double sided planer
- drill
- jig saw
- computer numeric controlled (CNC) router
- laser cutter
- trimmer
- biscuit machine
- brad/nail or staple gun
- sanders (long belt, disk or machine)
- conduct operator maintenance on hand and power tools, including:
 - grinding and sharpening 2 of the following:
 - shaves
 - specialised hand tools
 - drill bits
 - changing the blade on a power saw.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for work health and safety, including the use of personal protective equipment (PPE)
- basic barrel construction and repair terminology and techniques.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - hand and power tools required for performance evidence
 - materials on which tools are used
 - PPE
 - ancillary holding equipment
 - power sources
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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