MSFCP2001 Use coopering sector hand and power tools

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers use of coopering hand and power tools, including their identification, selection, preparation, use and storage. It may apply to a factory or an on-site environment and involves application of skills and knowledge at both the production worker and trade skills level.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Coopering

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 Identify hand and power tools	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to coopering operations are verified and complied with
	1.2	Types of hand and power tools and their functions are identified
	1.3	WHS requirements, including personal protection needs, are observed throughout the work
2 Select and use hand tools	2.1	Hand tools selected are consistent with needs of the job
	2.2	Selected hand tools are checked for serviceability and safety and any faults rectified or reported
	2.3	Equipment is selected to hold or support material for hand tools application where applicable

		2.4	Material is located and held in position for hand tool application
		2.5	Hand tools are safely and effectively used according to their intended use
		2.6	Hand tools are safely located when not in immediate use
3	Select and use power tools	3.1	Power tools are selected consistent with needs of the job in accordance with conventional work practice
		3.2	Power tools are visually checked for serviceability/safety in accordance with WHS requirements and any faults rectified or reported
		3.3	Equipment is selected to hold or support materials for power tool application as applicable
		3.4	Material is located and held in position for power tool application as applicable
		3.5	Power tools are safely and effectively used in application processes
		3.6	Power tools are safely located when not in use
4	Clean work areas and maintain tools	4.1	Faulty and/or defective equipment is tagged and reported in accordance with workplace procedures
		4.2	Waste and scrap are removed following workplace procedures
		4.3	Tools used are cleaned, inspected for serviceable condition and stored appropriately in accordance with workplace procedures
		4.4	Equipment and work area clean-up is maintained in accordance with workplace procedures
		4.5	Records and reports are completed to workplace requirements

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Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:	• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes and local safe operating procedures, or equivalent
	• work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
	• work requires individuals to demonstrate some discretion, judgement and problem-solving skills

Tools and equipment include:	• hand tools:
	  • hand plane
	  • chisels
	  • hand saws
	  • spokeshave
	  • hammer
	  • mallet
	  • auger
	  • croze
	  • driver
	  • knives (belly, crum, heading and hollow)
	  • cooper's hammer
	  • maul
	  • bradawal
	  • adze(s)
	  • shaves (hoop, inside and heading)
	  • swift
	  • marking-out tools

- files
- rasps
- scraper
- screwdrivers
- hand drill
- power tools:
  - bench grinder
  - presses (hoops)
  - head making machine
  - drop saw
  - circular power saw
  - planer
  - double sided planer
  - drill
  - jig saw
  - computer numeric controlled (CNC) router
  - laser cutter
  - trimmer
  - biscuit machine
  - brad/nail and staple gun
  - sanders (long belt, disk and machine)

Waste includes:	- off-cuts - shavings - sawdust
Records and reports include:	- the machining method - product type - size - inspection - grading and labelling outcomes - storage locations - quality outcomes - hazards - incidents - equipment malfunctions
Personal protective equipment includes:	that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	- workplace procedures relating to the use of tools and equipment - work instructions, including job sheets, cutting lists, plans,

drawings and designs

- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFCP2001A 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

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