



Australian Government

MSFFL2001 Use flooring technology 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 using hand and power tools in applications relating to the flooring and finishing sector of the furnishing industry. It supports competent workplace performance in the wide variety of flooring technology operations in a work room and on-site environment and involves application of skills and knowledge at a production and trade worker level.

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

Pre-requisite Unit

Competency Field

Unit Sector

Flooring technology

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 the use of flooring sector hand and power tools. are verified and complied with
		1.2	Types of hand and power tools and their functions are identified from relevant information sources
2	Select and use hand tools	2.1	Hand tools are selected consistent with the needs of the job
		2.2	Tools are checked for serviceability and safety and any faults are corrected or processed for repair
		2.3	Equipment is selected to hold or support material for hand tool application where applicable

3	Select and use power tools	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
		3.1	Appropriate personal protective equipment is selected, correctly fitted and used
		3.2	Power tools are selected consistent with the needs of the job in accordance with conventional work practice
		3.3	Power tools are visually checked for serviceability/safety in accordance with WHS requirements and any faults are sent for repair
		3.4	Equipment is selected to hold or support materials for power tool application where applicable
4	Complete housekeeping	3.5	Material is located and held in position for power tool application where applicable
		3.6	Power tools are safely and effectively used in application processes
		3.7	Power tools are safely located when not in use
		4.1	Unused materials are stored or recycled as required
		4.2	Tools and equipment are cleaned and stored appropriately
		4.3	Work area is cleaned and rubbish disposed of appropriately
		4.4	Workplace documentation is completed

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
Flooring (preparation) sector hand and power tools include:	• angle grinder • scrapers • skutch hammers and chisels • bolsters • hand brushes and brooms • vacuum cleaners • hand trowels • smoothing trowels • spikey roller • spike shoes • carborundum stone • spatulas • gauging tools • screed bar • laser levels • string lines • drills • mixing paddles • batching buckets • moisture meters • material pumps
Flooring (carpet) sector hand and power tools include:	• utility knife • carpet knee kicker • power stretcher • carpet wall trimmer • carpet stair tool • trolley • hammer

**Flooring (resilient) sector
hand and power tools
include:**

- trimming knife
- heat seam iron
- spiked carpet roller
- weight or seam roller
- awl
- carpet spreader
- carpet shears
- napping shears
- loop pile cutter
- moulding lifter
- sewing needle
- utility knife
- straight edge
- square
- chalk and chalk-line
- tape measure
- hacksaw
- serrated trowel
- hammer
- edge trimmer
- recess scribe and pre-formed linoleum recess scribes
- scribing bar
- grooving tool
- straight edge
- divider
- roller
- gas bottle and gun
- rubber mallet
- paint brush and bucket
- spatula knife
- trolley
- liquid seam sealer
- seam sealer applicator
- wall trimmer
- hot air welding gun
- furling iron
- trolley

**Flooring (timber) sector
hand and power tools
include:**

- hammer
- compressor
- staple gun
- bar scribe
- utility knife

- straight edge
 - drill
 - hand saw
 - chisels
 - drop saw
 - nail gun
 - secret nails
 - planer
 - circular saw
 - combination saw
- Sources of power supply include:**
- single or three phase
- Fault reporting includes:**
- verbal or written reporting
- 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 LMFFL2001A Use flooring technology 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 MSFFL2001 Use flooring technology sector hand and power tools

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Apply sector hand and power tools correctly and safely
- Complete operator maintenance on sector hand and power tools
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to preparing and presenting design information relevant to the use of hand and power tools
- Organisational and site standards, requirements, policies and procedures for preparing and presenting design information for the use of hand and power tools
- Types of hand and power tools and procedures for their safe use, operation and maintenance
- Function, purpose and operator maintenance requirements of hand tools used in the furnishing technology workplace
- Function, purpose and operator maintenance requirements of power tools used in the furnishing technology workplace
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to a range of hand and power tools relevant to the sector and manufacturer/user instructions and/or manuals.

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