



Australian Government

MSTFP2003 Cut printed materials by machine

Release: 1

MSTFP2003 Cut printed materials by machine

Modification History

Release 1. Supersedes and is equivalent to LMTFP2003B Cut printed materials by machine

Application

This unit of competency covers the skills and knowledge required to cut uniform synthetics and printed leathers using machines, knives and interlocking knives.

The unit of competency applies to cutting uniform leather or synthetic materials that have been treated or printed to achieve a uniform finish, and to meet specifications and workplace quality standards. It involves the limited application of discretion, initiative and judgement while working to defined procedures and methods.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

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

Pre-requisite Unit

Nil

Competency Field

Footwear production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Determine job requirements

- | | |
|-----|---|
| 1.1 | Follow standard operating procedures (SOPs) |
| 1.2 | Comply with work health and safety (WHS) requirements at all times |
| 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| 1.4 | Identify job requirements from specifications, drawings, |

		job sheets or work instructions	
2	Prepare to cut printed materials by machine	2.1	Prepare workstation and work before commencing operations
		2.2	Assess materials against job specifications
		2.3	Check various types and finishes of materials according to work ticket
		2.4	Sort materials according to colour and shade and other specifications
3	Carry out minor maintenance safely	3.1	Start up and shut down machines according to safety regulations
		3.2	Regularly clean cutting board, turn and maintain
		3.3	Regularly check striker plate for distortion and damage and report irregularities
4	Cut linings and components from materials by press or hand	4.1	Select knives according to job specifications and size requirements and use according to WHS practices
		4.2	Adjust pressures on press to knife sizes and shapes
		4.3	Follow work ticket specifications according to pairs and pieces
		4.4	Cut parts to workplace quality standards in relation to material flaws
		4.5	Select individual pairs, colour and grain match to workplace quality standards
		4.6	Cut pairs to achieve best yield according to appropriate allowance
		4.7	Identify distortions and defects on press cutting knives, dies and cutting boards, and take appropriate action
5	Check finished	5.1	Check finished product against workplace quality

product**standards**

5.2 Address faults

5.3 Maintain required records of work

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

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

Range of Conditions

This field allows for 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.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Machines include one or more of the following:

- swing beam press
- full beam press
- travelling head press
- automated press

Knives include one or more

- clicking knives

of the following:

- cutting knives
- interlocking knives

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTFP2003 Cut printed materials by machine

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- preparing workstation and work before commencing operations
- checking work against specifications and workplace procedures
- sorting material according to colour, shade and other specifications
- operating required cutting machines and using cutting boards on at least five (5) occasions to cut matching pairs on a range of printed materials
- taking appropriate action to identify distortions and defects on press cutting knives, dies and cutting boards
- obtaining maximum yield of matching pairs and achieving quality standards of the workplace
- undertaking general maintenance of machines
- maintaining accurate records.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- range of materials and their directional strength and stretch
- relevant machines and principles in use of cutting boards
- appropriate uses of cutting knives
- flaws of leather, including veins, growth marks, ticks and scars
- machine routine maintenance requirements
- quality standards and practices
- safety and environmental aspects of relevant product assembly processes
- workplace procedures.

Assessment Conditions

- Assessors must:

- satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
- have vocational competency in cutting printed footwear materials by machine, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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