



Australian Government

MSTFP2004 Cut non-printed leather by machine

Release: 1

MSTFP2004 Cut non-printed leather by machine

Modification History

Release 1. Supersedes and is equivalent to LMTFP2004B Cut non-printed leather by machine

Application

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

The unit of competency applies to the cutting of irregular and non-uniform leather materials leather that is printed, oily-finished, raw surfaced or non-uniform in texture and finish, to meet specifications and workplace standards. It involves the 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 standard operating procedures (SOPs)
- 1.4 Identify job requirements from specifications, drawings,

job sheets or work instructions

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| 2 | Prepare to cut non-printed leather | 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 | Handle and visually inspect materials, sort according to colours, shades and finish, and store materials that cannot be matched |
| 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 materials flaws and acceptable levels of matching of irregular and non-uniform finishes |
| | | 4.5 | Make decisions about individual pairs based on colour and grain approximation according to workplace quality standards |
| | | 4.6 | Cut pairs to achieve best yield according to appropriate allowance and best matching of materials |
| | | 4.7 | Identify distortions and defects on press cutting knives, dies and cutting boards, and take appropriate action |

5	Check finished product	5.1	Check finished product against workplace quality standards
		5.2	Take necessary action to address failure to meet quality standards, according to workplace procedures
		5.3	Maintain required records

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 of the following:

- clicking knives
- cutting knives
- interlocking knives

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFP2004B Cut non-printed leather by machine

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 MSTFP2004 Cut non-printed leather 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
- visually inspecting and deciding best match of materials
- operating required cutting machines and using cutting boards at least five (5) times to cut matching pairs in a range of non-printed leather materials
- obtaining maximum yield and achieve quality standards of the workplace
- taking appropriate action to address faults
- undertaking general maintenance of machines
- applying workplace procedures
- 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 non-printed leather 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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