



Australian Government

MSTFP2002 Perform stuff cutting

Release: 1

MSTFP2002 Perform stuff cutting

Modification History

Release 1. Supersedes and is equivalent to LMTFP2002B Perform stuff cutting

Application

This unit of competency covers the skills and knowledge required to assess and cut different qualities and types of materials.

The unit of competency applies to the assessment and cutting of various materials to specifications and workplace quality standards using limited discretion, initiative and judgement, and working to defined procedures and methods on the job in own work.

It involves stuff cutting operations using a range of materials, including ethylene-vinyl acetate (EVA) foam, fibreboard, resin and synthetics. It requires some work positioning assisted by machine guide or work marker.

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

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| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare to cut stuff | 2.1 | Set up workstation to reflect specifications and to achieve operator comfort and minimise fatigue |
| | | 2.2 | Clean and maintain machines and cutting board and check for irregularities |
| | | 2.3 | Regularly check striker plate for distortion and damage and report irregularities. |
| | | 2.4 | Assess materials and grade against specifications |
| | | 2.5 | Check various types and finish of synthetics and fabrics according to work ticket |
| | | 2.6 | Sort materials according to colour, shade and specifications |
| 3 | Cut materials | 3.1 | Use knives and patterns to gain optimal materials use against workplace quality standards |
| | | 3.2 | Start up and shut down machines according to safety regulations |
| | | 3.3 | Select knives according to job specifications and size requirements and use according to WHS practices |
| | | 3.4 | Adjust pressures on press to knife size and shape |
| | | 3.5 | Cut parts to workplace quality standards in relation to material flaws |
| | | 3.6 | Select individual pairs and colour and grain match to workplace quality standards |
| | | 3.7 | Cut pairs to achieve best yield according to appropriate allowance |
| | | 3.8 | Identify distortions and defects on press cutting knives, dies and cutting boards and take appropriate action |
| 4 | Check finished | 4.1 | Check finished product against workplace quality |

product**standards**

4.2 Record faults

4.3 Maintain work 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

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFP2002B Perform stuff cutting

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 MSTFP2002 Perform stuff cutting

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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
- applying cutting techniques to at least five (5) different footwear materials
- operating cutting machines and using cutting boards with a variety of footwear materials
- obtaining maximum yield and achieving workplace quality standards
- undertaking general maintenance of machines
- meeting work specifications and 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 footwear materials, including ethylene-vinyl acetate (EVA), foam, fibreboard, resin and synthetics
- range of fabrics and their directional strength and stretch
- relevant machines and principles in use of cutting boards
- materials flaws of leather, including veins, growth marks, ticks and scars
- quality standards and practices
- safety and environmental aspects of relevant product assembly processes
- WHS practices, including hazard identification and control measures
- workplace procedures
- recording and reporting practices.

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 performing stuff cutting, 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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