



Australian Government

MSTFP2006 Machine upper according to product requirements

Release: 1

MSTFP2006 Machine upper according to product requirements

Modification History

Release 1. Supersedes and is equivalent to LMTFP2006B Machine upper according to product requirements

Application

This unit of competency covers the skills and knowledge required to machine uppers according to product requirements.

The unit of competency applies to loading, guiding and unloading a range of machine types to sew shoe uppers. It includes guided and freehand sewing. Sewing includes corners, curves, complex shapes, and contouring and joining of different materials. Sewing techniques include those where the positioning, feeding and handling of work pieces involves discretionary changes, contouring or critical stopping points, or involving the special handling skills required to accommodate variations in materials and meet product requirements.

Work is conducted according to defined procedures.

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

MSTFP2005 Operate machine to sew upper

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	1.1	Follow standard operating procedures (SOPs)
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- requirements**
- 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 sew upper**
- 2.1 Check work bundle, assess quality of component parts and lay out work pieces in correct sequence
 - 2.2 Set up workbench and seating to achieve operator comfort and minimise fatigue
 - 2.3 Clean and check machine, and adjust machine settings according to manufacturer instructions and specifications for work
 - 2.4 Select threads according to specifications, check needle types and attachments, and change parts and worn needles as necessary
 - 2.5 Set stitch length, set up tension and test against specifications
 - 2.6 Test machine for correct operation
- 3 **Perform machine sewing**
- 3.1 Select pieces according to shape, size, colour and style
 - 3.2 Accurately position materials to achieve required specifications, including quality and to minimise stretch
 - 3.3 Sew corners, curves, complex shapes, and contouring and joining of different materials
 - 3.4 Handle work pieces involving discretionary changes, contouring or critical stopping points and variations in materials, according to specifications and workplace procedures
 - 3.5 Machine seams to achieve specific results and trim threads
 - 3.6 Regularly check performance of machine for signs of faulty performance and take follow-up action to address

faulty machine performance

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| 4 | Conduct final quality check and despatch work | 4.1 | Bundle uppers and component parts, stack and store or despatch |
| | | 4.2 | Address production faults according to workplace procedures |
| | | 4.3 | Bundle uppers, stack and store or despatch |
| | | 4.4 | Record production faults as required |
| | | 4.5 | Complete 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

- Operations include one or more of the following:**
- lining stitching, back seaming, binding and bar tacking
 - guided and freehand sewing
 - working with a range of materials and shapes

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFP2006B Machine upper according to product requirements

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>