



Australian Government

MSTLG2002 Sew leather by machine

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTLG2002A Sew leather by machine

Application

This unit of competency covers the skills and knowledge required to sew leather pieces by machine.

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within industry codes, standards and defined procedures, under direct supervision.

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

Pre-requisite Unit

Nil

Competency Field

Leather 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

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|---|-------------------------------|-----|--|
| 2 | Prepare work pieces | 2.1 | Receive and check work bundle and assess any follow-up action |
| | | 2.2 | Assess quality of received component parts |
| | | 2.3 | Lay out work pieces in the correct sequence in accordance with specifications |
| | | | |
| 3 | Prepare workstation | 3.1 | Set up workbench and seating to achieve operator comfort and to minimise fatigue |
| | | 3.2 | Clean and check machines in accordance with SOPs |
| | | 3.3 | Keep records in accordance with procedures |
| | | | |
| 4 | Set up machine | 4.1 | Set up and adjust machine in accordance with manufacturer instructions, workplace requirements and specifications for the work |
| | | 4.2 | Select threads according to specifications |
| | | 4.3 | Check needle types, attachments and parts, and change worn needles and parts, as necessary |
| | | 4.4 | Set and test stitch length against specifications |
| | | 4.5 | Set tension according to specifications |
| | | 4.6 | Test machine for correct operations |
| | | | |
| 5 | Perform machine sewing | 5.1 | Select pieces according to size, colour and style |
| | | 5.2 | Position materials to achieve required specifications, including quality and to minimise stretch |
| | | 5.3 | Machine seams to achieve specified results |
| | | 5.4 | Trim threads, as required |
| | | 5.5 | Check the performance of the machine regularly for signs of faulty operations and take appropriate action |

6	Conduct final quality check for operations	6.1	Check final product to ensure workplace quality requirements are met
		6.2	Deal with production faults in accordance with procedures
7	Despatch completed work	7.1	Bundle, stack, store or despatch component parts
		7.2	Record production faults, as required
		7.3	Complete 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, industry codes and standards, 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:

- a range of plain machines
- computerised stitching machines

Materials include one or more of the following:

- leathers:
 - buffalo
 - cow
 - calf
 - kid
 - deer
 - kangaroo
 - fish
 - reptiles
 - emu
 - pigskin
 - suede

WHS practices

WHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- PPE
- safe materials handling
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other WHS practices relevant to the job and enterprise

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTLG2002A Sew 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>