



Australian Government

MSTCL3008 Set and produce digital embroidery

Release: 1

MSTCL3008 Set and produce digital embroidery

Modification History

Release 1. Supersedes and is equivalent to LMTCL3008B Set and produce digital embroidery

Application

The unit of competency covers the skills and knowledge required to set and use digital embroidery programs and machines to produce embroidered lettering, monograms and motifs on simple garments.

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

Clothing 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 to produce digital embroidery | 2.1 Determine specifications for embroidery, required program features and machine requirements |
| | | 2.2 Identify garment considerations and select motif or lettering from stock designs |
| | | 2.3 Edit designs to achieve specifications and set program for operation |
| | | 2.4 Set up work area, equipment and materials and adjust to specifications for work |
| 3 | Produce digital embroidery | 3.1 Lay out work pieces and select backing pieces to suit fabric |
| | | 3.2 Operate embroidery equipment according to workplace procedures to produce digital embroidery on simple garments |
| | | 3.3 Assess work for compliance with quality standards and production specifications |
| | | 3.4 Check machine and adjust to ensure optimum performance |
| | | 3.5 Manage production problems, such as thread breaks, and report and record any problems |
| | | 3.6 Perform routine minor maintenance according to manufacturer specifications |
| 4 | Despatch completed work | 4.1 Check completed work against quality standards |
| | | 4.2 Identify any faults, report and record and take necessary action to repair or discard |
| | | 4.3 Direct completed work to next operation |
| | | 4.4 Complete work documentation as required |

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
- PPE
- 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

Program features include one or more of the following:

- file formats
- image catalogues
- program tools

Garment considerations include one or more of the following:

- type of fabric
- colour of fabric
- positioning of design
- suitability of size, design and colour

Edit includes one or more of the following:

- manipulation of height
- scale
- skew

- rotation
- width
- length
- fonts
- fill
- baseline
- envelopes
- borders
- spacing
- needle penetration
- stitch size and type
- colour

Minor routine maintenance includes one or more of the following:

- checking and replacement of needles, attachments and/or parts
- oiling of machine parts

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTCL3008B Set and produce digital embroidery

Links

Companion Volume implementation guides are found in VETNet -

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