



**Australian Government**

# **MSTDE3008 Produce embroidery from digitised images**

**Release: 1**

# MSTDE3008 Produce embroidery from digitised images

## Modification History

Release 1. Supersedes and is equivalent to LMTDE3008A Produce embroidery from digitised images

## Application

This unit of competency covers the skills and knowledge required to set machine operations and produce embroidery from digitised images.

The unit of competency applies to computerised embroidery machine operation skills where the image and digitised file has been provided.

Work may be conducted in a variety of environments, such as operational workplace activities, or home-based activities.

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

## Pre-requisite Unit

Nil

## Competency Field

Digitising and computerised embroidery

## 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	<b>Determine job requirements</b>	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

- |   |                                      |     |                                                                                                                                                                               |
|---|--------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | <b>Prepare to produce embroidery</b> | 2.1 | Confirm embroidery work requirements and artwork specifications                                                                                                               |
|   |                                      | 2.2 | Access artwork file and import into working area and navigate software to direct production                                                                                   |
|   |                                      | 2.3 | Select embroidery materials and prepare according to fabric and work requirements                                                                                             |
|   |                                      | 2.4 | Perform routine minor maintenance according to manufacturer specifications                                                                                                    |
|   |                                      | 2.5 | Assess and adjust needle sequence, thread tension and speed, and hoop                                                                                                         |
|   |                                      |     |                                                                                                                                                                               |
| 3 | <b>Produce embroidery</b>            | 3.1 | Check machine operation and adjust to ensure optimum performance                                                                                                              |
|   |                                      | 3.2 | Manage production problems, such as thread breaks                                                                                                                             |
|   |                                      | 3.3 | Complete a range of images, including embroidered lettering, monograms and motifs on items such as hats, T-shirts and other simple garments, according to work specifications |
|   |                                      | 3.4 | Assess production efficiencies and identify areas for improvement                                                                                                             |
|   |                                      | 3.5 | Minimise waste and dispose of according to environmental guidelines                                                                                                           |
|   |                                      |     |                                                                                                                                                                               |
| 4 | <b>Check and finalise work</b>       | 4.1 | Inspect embroidery against work requirements and artwork specifications                                                                                                       |
|   |                                      | 4.2 | Finish work and prepare for despatch                                                                                                                                          |
|   |                                      | 4.3 | Complete documentation                                                                                                                                                        |

## 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

**Embroidery work requirements include the following:**

- checking machine functionality to confirm capacity for work
- confirming material requirements
- assessing garment or item and fabric to be embroidered

**Artwork specifications include one or more of the following:**

- content
- colour
- size, including width and length
- stitch type and size
- font
- fill

**Software includes:**

- any software classed as a digitising software (as opposed to customising or editing software)

**Minor maintenance includes**

- checking and replacement of needles, attachments and/or

**the following:**

- parts
- oiling of machine parts
- removal of lint or fabric

## **Unit Mapping Information**

Release 1. Supersedes and is equivalent to LMTDE3008A Produce embroidery from digitised images

## **Links**

Companion Volume implementation guides are found in VETNet -

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