MSTDE3004 Generate artwork for computerised embroideries

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTDE3004A Generate artwork for computerised embroideries

Application

This unit of competency covers the skills and knowledge required to obtain and create images suitable for computerised embroidery production.

The unit of competency includes scanning, creating and obtaining images; importing into digitising software for embroidery production; and producing a sample to confirm image suitability.

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 **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

2	**Prepare to generate artwork**	2.1	Identify design and embroidery considerations for image selection
		2.2	Establish software and technology requirements to obtain images
		2.3	Source images and download from internet sources
		2.4	Source hard copy images and scan into digital format
		2.5	Assess image quality and identify opportunity for improvements or alterations
		2.6	Confirm copyright status of selected images
		2.7	Assess suitability of images for digitising and confirm capacity of software
3	**Create or edit artwork**	3.1	Create artwork and convert into digital format
		3.2	Navigate software to edit and alter images
		3.3	Make alterations and/or improvements and save file in suitable file types
		3.4	Import image into digitising software
		3.5	Enter artwork specifications into digitising software
4	**Complete embroidery and review outcomes**	4.1	Select fabric, stabiliser, toppings and backings, needles, thread and hoop types, and use according to the design production requirements
		4.2	Create embroidery and inspect against design specifications
		4.3	Confirm digitising specifications and process as appropriate to achieve embroidery outcomes in a simple and fully automated manner
		4.4	Minimise and dispose of waste according to environmental guidelines

4.5   Seek feedback and integrate into outcomes

4.6   Save and file artwork according to the workplace filing requirements

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
Design and embroidery considerations include one or more of the following:	• size • shape • quality • use of colour • editing options • image inclusions • compatibility with client profile

| | • complexity/simplicity |
| | • production cost |

Artwork includes one or more of the following:	• clipart
	• wingdings
	• text
	• borders
	• pictures

File types include one or more of the following:	• .jpeg
	• .gif
	• .tiff
	• .bmp
	• .wmf
	• .emf
	• .png

Unit Mapping Information

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Links

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