Assessment Requirements for 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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices and other reference material
- applying relevant standards
- setting up and using a scanner
- accessing and obtaining a range of images from internet sources
- complying with copyright obligations for using images
- importing selected artwork into digital format
- creating or editing artwork using suitable software
- applying creativity to use of colour, texture, shape, balance and composition
- converting images into digital format
- creating at least five (5) embroidery samples on different fabrics that comply with design specifications
- saving and filing artwork according to the workplace procedures.

Knowledge Evidence

- Evidence must be provided that demonstrates knowledge of:
- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- a range of machines: microprocessor or computer control
- embroidery machines: domestic (single or multi-needle) or commercial (single or multi-head) machines
- basic sewing machine operations
- software functionality
- computer basic operations
- computer navigation to access and manipulate an image
- suitability of images to be digitised and limitations of software
- artwork sources
- access to embroidery designs
- fabric types and properties:
  - woven

- non-woven
- knits
- lightweight
- heavyweight
- hoop types and uses:
  - tubular
  - sash
  - screw
  - cap
  - square
  - round
  - spring
- needle types and uses:
  - standard
  - metalfil
  - embroidery eye
  - stretch
- thread types:
  - polyester
  - metallic
  - rayon
  - cotton
- stabilisers, toppings and backings:
  - water soluble
  - tear away
  - iron on
  - cut away
  - varying weights
- range of digitising techniques
- copyright
- practices for recording and reporting.

Assessment Conditions

- Assessors must:
  - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
  - have vocational competency in generating artwork for computerised embroideries, at least to the level being assessed, with relevant industry knowledge and experience.

- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

Links

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