



Australian Government

Assessment Requirements for MSTTD4002 Prepare stencils and screens for textile printing

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTD4013A Prepare stencils and screens for textile printing

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:

- preparation of stencils on at least two (2) occasions for use with textile printing
- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- using tools and equipment associated with screen printing
- analysing design specifications and interpreting production requirements
- identifying and addressing faults
- determining requirements of design and conversion to print
- making minor adjustments to equipment
- using printing techniques to test screens and stencil quality
- finalising screens ready for production
- evaluating own work, consulting relevant personnel and conducting quality checks
- applying workplace procedures.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- characteristics of stencil and screen types :
 - timber, steel and aluminium framed
 - butt, mitre, nailed, glued, screwed and welded
 - rectangle, rotary, hat and flat bed
- specific design and printing practices
- design types:
 - repeat patterns
 - border designs
 - placement prints
 - engineered designs
 - banners
- printing processes and practices

- different types of screens and meshes:
 - mesh types:
 - material
 - nylon
 - polyester
 - metal
 - colour:
 - white
 - yellow
 - red
 - size
 - mono or multi-filament
- screen preparation:
 - checking for mesh tension
 - degreasing
 - haze removing
 - registration marks applied
 - coating
 - different types of medium
 - ruby litho
 - designers opaque
 - ink
 - black wax crayon
 - digital prints
 - drafting film
 - pen
- conversion techniques
- stencil and printing techniques
- screen and stencil and production faults
- quality practices
- workplace procedures
- recording and reporting practices.

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 preparing stencils and screens for screen printing, 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>