



Australian Government

Assessment Requirements for MSTTD5008 Develop textile designs and specifications

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTD5008A Develop textile designs and specifications

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
- confirming design specifications and proposing initial design concept on at least two (2) occasions
- using design processes to evaluate options and test design concept with client to refine options
- responding to feedback, modifying design concept to make improvements, as required, and confirm and document approved design
- using relevant computer program or manual process to calculate production requirements
- producing at least two (2) textile samples according to design specifications and workplace procedures, and checking production processes
- undertaking routine testing of samples and analysing results to determine performance, quality standards and acceptability for production
- documenting outcomes, consulting client and appropriate personnel and recording feedback
- developing pattern specifications for finished textile design product, determining production processes and preparing production plans
- confirming final product specifications with appropriate personnel and completing all documentation.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- principles and elements of design
- design process includes:
 - application of elements and principles of design
 - development of inspiration boards and storyboards
 - assessment of fibres and fabrics
 - review of relevant products, such as product sample designs
- characteristics of yarns

- information resources on fibres and fabrics
- elements and principles of testing
- textile design requirements:
 - budget
 - type of industry and industry standards
 - style
 - colour
 - function
 - performance
 - quality
 - dimension
 - timeline
 - design restrictions or conditions
- additional factors affecting design:
 - trends
 - yarn availability
 - production issues
 - resource availability or limitations
 - production costs
- textile materials and products and their properties
- standards for specifications
- product specifications:
 - construction
 - dimensions
 - strength
 - shrinkage
- testing equipment:
 - microscopes
 - weighing scales
 - rulers
 - templates
 - strength testers
 - conditioners
 - dryers
 - abrasion testers
 - pilling testers
- textile performance tests
- 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 developing textile designs and specifications, 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>