



Australian Government

Assessment Requirements for MSTFD5021 Conduct digital patternmaking and grading

Release: 1

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Modification History

Release 1. New unit

Performance Evidence

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

- reading and following work instructions, standard operating procedures (SOPs) and safe work practices
- applying relevant standards
- interpreting measurements and pattern requirements from technical drawings and specifications sheets
- identifying garment patternmaking and grading requirements
- selecting appropriate software programs
- inputting manual pattern into digitising program
- accessing pattern block library
- using digital techniques to modify patterns
- using digital techniques to grade patterns according to sizing system for identified target group
- producing graded pattern for at least three (3) items or a small range, such as pants, shirt, bodice, sleeve and skirt
- checking outputs against specifications of design brief and making adjustments according to workplace procedures.
- protecting, organising and storing graded patterns according to workplace procedures.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- work instructions, standard operating procedures and safe work practices
- relevant Australian Standards
- principles of design
- use of technical drawings and specifications sheets
- sizing systems for men, women and children
- use of digital programs and computer hardware
- software programs, such as:
 - computer-aided design (CAD)
 - Gerber Technology
 - StyleCAD

- Lectra Systems
- Optitex
- Adobe Illustrator
- use of grade rule libraries
- use of x and y coordinates
- digitised patternmaking tools and procedures
- seams, including:
 - straight seams
 - curved seams
 - waist
 - pocket
 - hem
 - leg
- operating procedures
- garment production requirements
- designs, patterns and production requirements
- quality standards
- 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 digital pattern making and grading, 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>

