



Australian Government

Assessment Requirements for MSTTX4003 Perform routine textile testing and analyse results

Release: 1

Assessment Requirements for MSTTX4003 Perform routine textile testing and analyse results

Modification History

Release 1. Supersedes and is equivalent to LMTTX4003A Perform routine textile testing and analyse results

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
- applying relevant standards
- identifying specifications, determining testing requirements for at least five (5) textiles, fibres, yarns or fabrics and selecting test methods
- determining materials, processes, equipment and timelines appropriate to the test requirements
- determining materials, processes, equipment and timelines appropriate to the test requirements
- preparing and calibrating materials, tools and equipment for testing and checking test environment meets specifications
- conducting routine tests on at least three (3) textile materials
- interpreting test specifications and outcomes accurately
- converting test specifications accurately, as required
- interpreting and assessing test results against industry and design specifications
- checking and validating deviations in test results, recording and reporting deviations using standard procedures
- checking inconsistent test results for compliance with test specifications, and conducting tests again, as required
- recording test results and cleaning test equipment and work area according to 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
- textile industry terminology
- standard textile test procedures to determine properties, including weight, length ratio, fibre mass, shrinkage, chemical properties, fibre strength, seam opening, colour fastness properties, strength and abrasion

- textile test equipment
- international specification standards
- quality criteria
- quality practices
- production processes
- enterprise lines of authority
- 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 routine textile testing and analysis, 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>