



Australian Government

Assessment Requirements for MSTTF2005

Translate information into measurements or diagrams

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTF2005A Translate information into measurements or diagrams

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
- locating and interpreting technical information about products, materials, equipment and operating procedures
- complying with all relevant safety requirements, including safe use of measuring tools (including laser devices) and other equipment
- conceptualising customer needs from customer information
- interpreting specifications and instructions for products and materials offered to customers, and translating ideas into basic 3-D sketches and drawings for at least three (3) products
- clarifying customer instructions and providing feedback to customer
- making calculations and allowances as required to create accurate final drawings and diagrams for at least two (2) products, using manual or computer-aided design (CAD) programs to produce drawings, where possible
- documenting and communicating work related information
- 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)
- relevant Australian Standards
- a range of common products and services offered by the workplace
- general operating principles of common products and equipment on offer
- common types of materials used in the industry and their applications
- limitations of canvas and other materials used
- common types of strengthening and fastenings
- measuring instruments and techniques
- mathematical processes
- plane geometry and plane geometrical shapes

- mathematical formulae (e.g. areas and volumes)
- engineering drawing principles and practices
- environmental requirements of relevant industry and workplace procedures
- general industry housekeeping policies and procedures
- work health and safety (WHS) practices, including hazard identification and control measures
- 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 translating information into measurements or diagrams, 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>