



**Australian Government**

# **Assessment Requirements for MSTTN2008 Conduct heat setting on technical textiles**

**Release: 1**

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## Modification History

Release 1. Supersedes and is equivalent to LMTTN2008B Conduct heat setting on technical textiles

## 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
- safely setting up and operating technical textile heat-setting machines and work area on at least three (3) occasions
- preparing and adjusting heat-setting machine according to specifications required for work on at least three (3) occasions
- monitoring technical textile and machine during heat-setting process to ensure safe and efficient operation on at least three (3) occasions
- removing technical textile from heat-setting machine and carrying out dimensional and other tests as required
- consistently achieving quality and production output requirements
- identifying and responding to machine or process faults
- following job specifications and orders
- applying workplace procedures
- maintaining records.

## 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
- heat-setting principles, including potential for variation in outcomes caused by temperature, moisture and fibre or yarn stress
- heat-setting machines:
  - stenters
  - drying
  - curing and heating ovens
  - steamers
  - humidifiers

- similar machines, including associated conveyors
- machine operations relevant to workplace procedures
- process and machine faults
- work health and safety (WHS) practices
- 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 conducting heat setting on technical textiles, 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>