



Australian Government

**Assessment Requirements for MSTTN2002
Set up and operate a spun bond web
forming machine**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTN2002B Set up and operate a spun bond web forming machine

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 and safe work practices and other reference material
- applying relevant standards
- checking machine safety equipment and reporting any faults
- preparing materials for web forming
- loading and unloading materials
- starting and stopping spun bond web forming machines according to specifications on at least two (2) occasions
- monitoring machine operations, including machine production readings, on at least two (2) occasions
- recognising, rectifying and reporting machine faults or problems, as required
- maintaining clean machines and work environment, as required
- undertaking quality checks and recognising and responding to faulty product
- applying workplace procedures
- maintaining accurate 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
- operational variables, including:
 - polymer throughput
 - air throughput
 - spinneret configuration (hole size and distance to collector)
 - spinning, drawing and deposition options and techniques
 - bonding techniques and options
 - filament types, including:
 - polyester
 - polypropylene

- filament characteristics, including:
 - spinnability
 - filament structure
 - filament crimp
- measuring units, including decitex and denier
- 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 setting up and operating a spun bond web forming machine, 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>