



Australian Government

Assessment Requirements for MSTTN2001 Set up and operate a dry laid web forming machine

Release: 1

Assessment Requirements for MSTTN2001 Set up and operate a dry laid web forming machine

Modification History

Release 1. Supersedes and is equivalent to LMTTN2001B Set up and operate a dry laid 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 on at least two occasions and include:

- reading and following work instructions, standard operating procedures (SOPs), 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 dry laid 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
- fibre types, including:
 - rayon and other cellulose
 - nylon
 - polyester
 - polypropylene
 - cotton
 - wool
 - glass
 - bi-component

- fibre characteristics, including:
 - absorbency
 - abrasion resistance
 - modulus
 - web 'handle'
 - moisture absorption
 - chemical and temperature resistance
 - melting point
 - fibre measuring units, including decitex and denier and fibre diameter - equation
 - fibre or filament crimp
- advantages of fibre opening and blending:
 - component independent system
 - guarantee a homogeneous mixture
 - constant performance
 - flexible operation
 - high degree of automation
 - working and stripping principles of carding
- different types of carded webs, such as:
 - parallel laid web
 - parallel laid web with spreading device
 - parallel laid web with scrambling
 - random laid web
 - random laid web with scrambling
 - layered and cross laid webs
- 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 dry laid 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>