



Australian Government

MSTTN2010 Apply laminations or fusible interlinings to technical textiles

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTN2010B Apply laminations and fusible interlinings to technical textiles

Application

This unit of competency covers the skills and knowledge required to apply laminations and fusible interlinings to technical textiles. Technical textiles are textile products that have been manufactured for special technical performance and applications

Techniques allow for the bonding of two textile fabrics to give increased stiffening or other enhanced technical performance in the final product. The unit of competency covers the use of solvent, powder or hot melt adhesives to achieve lamination or apply interlining.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Technical textiles and non-wovens

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | |
|-------------------------------------|---|
| 1 Determine job requirements | 1.1 Follow standard operating procedures (SOPs) |
| | 1.2 Comply with work health and safety (WHS) requirements at all times |
| | 1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs |

- 1.4 Identify job requirements from specifications, drawings, job sheets or work instructions
- 2 **Prepare technical textile for laminating or application of fusible interlining**
 - 2.1 Make appropriate checks to ensure that textile fabrics are ready for laminating or application of fusible interlining
 - 2.2 Prepare work area according to WHS practices and workplace procedures
 - 2.3 Obtain or prepare solvent, powder or hot melt adhesive according to manufacturer instructions and specifications required for job
 - 2.4 Report and record problems according to workplace procedures
- 3 **Prepare technical textile for lamination or insertion of interlining**
 - 3.1 Conduct appropriate tests on technical textile before lamination or fusing of interlining, as required
 - 3.2 Fix technical textile into position on machine or conveyor, as required.
 - 3.3 Check job or batch requirements according to enterprise procedures
- 4 **Operate and monitor laminating or fusible interlining machine**
 - 4.1 Perform coating material into a continuous sheet for laminating to substrate either by application of heat or by use of an adhesive, as required
 - 4.2 Apply solvent, powder, hot melt adhesive or continuous lamination sheet to technical textile or fusible interlining
 - 4.3 Monitor coating process to ensure application is according to job requirements and manufacturer instructions
 - 4.4 Set machine variables according to process and job requirements
 - 4.5 Remove laminated or interlined technical textile from coating machine and conduct tests, as required
 - 4.6 Direct technical textile to next operation

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Machine variables include one or more of the following:

- setting of height adjustments
- setting of temperature and timer controls for heating and cooling elements
- setting of roller controls after heating zone for linear pressure
- level adjustments of calibrating rollers for precise calibration
- conveyor belt controls for speed and direction

WHS practices

WHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- SOPs
- PPE
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other WHS practices relevant to the job and enterprise

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>