



Australian Government

Assessment Requirements for MEM25001 Apply fibre-reinforced materials

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM25001B Apply fibre-reinforced materials

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 (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- selecting equipment for the application/forming job and setting up and operating/adjusting equipment for correct operation
- selecting materials to suit different operations and making allowances to suit conditions and specifications
- positioning components and applying reinforced materials and rolling/shaping material smoothing irregularities and laminating materials ensuring compliance with specifications and adjusting, as required.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- tools and equipment for application/forming operations
- procedures for setting up and adjusting equipment
- terminology and information relevant to standard work instructions
- applicable codes and regulations
- different chemicals and materials and their properties, including mixing ratios
- importance and relevance of thickness allowances
- techniques for positioning components
- safety requirements and start-up/shutdown/operating procedures
- methods for rolling and shaping and problems associated with rolling and shaping and methods for rectifying
- lamination sequence
- methods of checking final application and form.

Assessment Conditions

- Assessors must:

- have vocational competency in applying fibre-reinforced materials at least to the level being assessed with relevant industry knowledge and experience
- satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- Where possible assessment must 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 that reflects 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
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications
- 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>